Saturday, 17th August, 1968

## OUITON PARK

 The Guards Gold Cup Car Races

## DAILYEXPRESS INTERNATIONAL

cars now come easier

## The Bentinck way!

Your friendly finance company in the North offers the modern concep in car purchase-the Tax Relief Plan. This means a substantial saving for the motorist as compared with the normal H.P. transaction

Special rates available for members of recognised motoring organizations.


Sports Car Race Gold Cup Race
Saloon Car Race
2.30 p.m. 19 laps $3.30 \mathrm{p} . \mathrm{m} . \quad 40$ laps 5.00 p.m. 19 laps


il
INCLUDING THE
GUARDS FORMULA 1
GOLD CUP RACE


## whatever makes it go...

## Ferodo makes it STOP!

Ferodo Limited, Chapel-en-le-Frith, Derbyshire, England A Turner \& Newall company


Promoted by Motor Circuit Developments Ltd., Managing Director-John Webb. For Cheshire Car Circuit Ltd., Managing Director-R. M. Foster, Oulton Park, Little Budworth, Tarporley, Cheshire. Tel. Little Budworth 301.
Mid-Cheshire Motor Racing Club Ltd. President: A. P. B. Birt, Hon. Secretary-A. S. Atkinson, 12 Crewe Road, Shavington, Near Crewe. Tel. Crewe 67759.
The Meeting is governed by the International Sporting Code of the Federation International de 1' Automobile and the General Competition Rules of the Royal Automobile Club and Supplementary Regulations issued by the R.A.C. and the M.C.M.R.C.
R.A.C. Permit No. RS $/ 4445$.

MOTOR RACING IS DANGEROUS-You are present at this Meeting entirely at your own risk and it is a condition of admission that all persons having any connection with the promotion and/or organisation and/or conduct of the Meeting, including the owners of the land and the drivers and owners of the vehicles and passengers in the vehicles, are absolved from all liability in respect of personal injury (whether fatal or otherwise) to you or damage to your property howsoever caused.

-     - PROGRAMME COPYRIGHT-All literary matter in this programme, including the list of competitors and their racing numbers, is Copyright and any person found making illegal use thereof will be prosecuted.

MESSAGES-The organisers regret that announcements to assist spectators cannot be made over the public address system except in cases of genuine emergency.

DOGS-In the interests of safety, dogs are not admitted to the course.

ANTI-LITTER—Please help to keep Oulton Park tidy.
The Club accepts entries and drivers' nominations in good faith. Every effort is made to adhere to the printed programme of competitors, but the promoters cannot accept responsibility for the failure of any driver or car to appear.
Although every endeavour is made to avoid inaccuracies in the description of competing cars, the Club accepts no responsibility for any that may occur

The Club reserves the right to postpone, abandon, or cancel the meeting or any part thereof.
When driving to and from a race meeting, please drive with care and consideration through the towns and villages en route.

For the safety and quality of Precision-engineered braking . . .

## uit all evenis GIRING DISC BRAIKES

## The Best Brakes in the World

Racing and competition drivers know the vital
importance of correct brake servicing-do you check your brakes regularly and insist on genuine replacement parts ?

## OFFICIALS OF THE MEETING

Stewards of the Meeting : H. Bryant, for the R.A.C., J. H. Ashton, A. P. B. Birt, Hon. Gerald Lascelles
Judges : P. H. Crummack, R. B. Dawson, A. L. Gale, J. P. Johnstone, W. E. RuckKeene, P. E. Slicher
R.A.C. Scrutineers : G. Hartley-Smith (in charge), M. Beresford, P. L. Cracknell, L. M. Jackson-Royle, R. T. Owen, R. Richards, S. Turner, S. Vincent, G. W. G. Ward, J. H. S. Williams
R.A.C. Timekeepers : L. A. Cranshaw (in charge), S. del Banco, R. Connor, R. Corfe, B. A. Weir

Clerk of the Course :
J. A. Ellison
Secretary of the Meeting : A. S. Atkinson

## Chief Marshal

R. J. Moore

Assistant Chief Marshal : E. C. Hubert

Chief Observer : J. W. Dale

Chief Flag Marshal : H. Johnson

Chief Medical Officer : Dr. S. B Foulds
Chief Course Marshal : J. M. Hyde

Assistant Chief Course Marshals : C. A. Brough
B. Dearden
D. Simpson

## ACKNOWLEDGMENTS

The Mid-Cheshire Motor Racing Club Ltd., wish to thank the following for their valuable help and co-operation.

Members of the British Motor Racing Marshals Club, the British Racing and Sports Car Club, Lancs. and Cheshire Car Club, and all who have attended the meeting as honorary Officials and Marshals, Dr. S. B. Foulds and professional colleagues.
Cheshire Car Circuit Ltd., The Daily Express, The British Red Cross Society, The Cheshire Couty Police, The Cheshire Couity Fire Brigade, Gestetner Duplicators Ltd.
Messrs. Arden \& Bull Ltd., Charles Barber \& Sons, Buckley Bros. (Motors) Ltd., Lookers Ltd., Tyretreads Ltd. and H. \& J. Quick Ltd., for the service of Breakdown Vehicles and Crews.

Messrs. A. E. Chatfield (Crewe) Ltd., Crewe, Mangoletsi Holdings Ltd., Knutsford, Rootes Ltd., Olympia, Manchester, and Wilmslow Garages Ltd., Station Road, Wilmslow for the loan of course cars.

Mr. Jack Twyford and his friends for operating the timing strip on the straight at Knicker Brook.


## AWARDS

SPORTS CAR RACE :
To the winner $£ 250$

| 2nd | - | £150 | 9th |  | £50 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3 rd | - | £100 | 10th | - | £45 |
| 4th | - | £90 | 11th | - | £40 |
| 5th | - | £80 | 12 th | - | £35 |
| 6th | - | £70 | 13th | - | £35 |
| 7th | - | £60 | 14th | - | £30 |
| 8th | - | £55 | 15th | - | £30 |

16th, 17 th, 18 th, 19 th — £25 each
20th, 21 st, 22 nd, 23 rd, 24 th, 25 th $-£ 20$ each
In each Class, except the overall winner :

$$
\begin{aligned}
& 1 \text { st } £ 40 \\
& \text { 2nd } \text { 3rd } \\
& £ 30 \text { 4th } \\
& \text { - } \text { £ } 20 \\
& \hline
\end{aligned}
$$

GOLD CUP RACE :
Overall Race Awards
To the winner, the Gold Cup, to be held for one year and $£ 250$


SALOON CAR RACE :
To the winner £175

| 2nd | - | £125 | 7th | - | £60 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3rd | - | £100 | 8th | - | £50 |
| 4th | - | £90 | 9th | - | £45 |
| 5 th | - | £80 | 10th | - | £40 |
| 6th | - | £70 |  |  |  |

11th, 12 th, 13 th, 14 th, 15 th - £35 each 16 th, 17 th, 18 th, 19 th, 20 th - $£ 30$ each $21 \mathrm{st}, 22 \mathrm{nd}, 23 \mathrm{rd}, 24 \mathrm{th}, 25 \mathrm{th}$ - £25 each 26th, 27th, 28th, 29th, 30th - £20 each

In each Class except the overall winner :
1st
2nd
$£ 30$
$£ 20$
3 rd - £10

GOLD CUP WINNERS

1954 - STIRLING MOSS
1955 - STIRLING MOSS
1956 -- ROY SALVADORI
1957 - JACK BRABHAM
1958 - ROY SALVADORI
1959 - STIRLING MOSS
1960 - STIRLING MOSS

1961 - STIRLING MOSS
1962 - JIM CLARK
1963 - JIM CLARK 1964 - JACK BRABHAM
1965 - JOHN SURTEES 1966 - JACK BRABHAM 1967 - JACK BRABHAM


The compac is an American idea. A small car with big car virtues. Like the Sunbeam Stiletto. Thus.

The engine is the Imp Sport 875cc single OHC inclined four-cylinder. $0-50$ in 10.6 secs. ('Motor' road test.) Top speed 90 mph
Plus big car features. Wind-up windows. Carpet, wall-to-wall. Amblair-upholstered seats.
Outside: great trim. Black vinyl covered roof. Four headlights.
*Recommended pric ex-works inc. p.t.
seat belts extra.

FIRST R.A.C. SPORTS CAR CHAMPIONSHIP
With but one race to go after today (the Guards International Bank Holiday meeting at Brands Hatch on Monday, September 2nd), the R.A.C. Sports Car Championship is still an open affair and, in its first season has proved to be a most interesting competition.
However, if Bill Bradley should score a number of points today and Paul Hawkins should fail to finish, Bradley will be unchallengeable as the R.A.C.'s first national Sports Car Champion and Porsche of Germany will get a cup as the constructors of the winning car.
Neither Bradley nor Hawkins has had an easy task to get to their present high posi tions in the championship table. Bradley has had some really tough opposition from several rivals but this unassuming Midlands accountant has pressed on and demonstrated an ability which he has been building up steadily through the years with a varicty of cars, more particularly the Midland Racing Partnership Formula Junior models which, in the days of that formula, made a considerable impact.
His Porsche has not been without its troubles, having been bent once or twice this year, but in the British championship events, Bill has displayed an admirable ability to finish up near the front with a car which has sounded as crisp at the sight of the chequered flag as it did when the Union Jack fell.
Bradley's nearest rival in the up-to-2000 cc class is Lotus driver John Miles, who has not been able to figure in each round of the championship, and it will be one of today's questions as to which will head the class, or will it be Mile's team-mate, Jack Oliver, or Yorkshireman Tony Dean who has a Porsche like Bradley's and goes fast everywhere, including Oulton Park?
Equally hard has been the task for Australian Paul Hawkins. "Hawkeye" has had to dice not only for the class leadership but for an outright race win and although, in international events, the Ford GT43 has done pretty well, winning enough events from the prototype Porsche models to keep the international championship wide open, the British races have shown up in favour of the 5 -litre Lola T70, a newer design than the Ford which has generally been quite a lot faster
So today Hawkins tries the Lola for himself. This is not just any old Lola but the actual car in which world champion Denny Hulme won the Tourist Trophy here on Whit Monday. In its last outing on British soil for the then-owner Sid Taylo, the car was driven by Frank Gardner at Mallory Park where it broke the Group 4 , the car lap record and Hawkins (who did at least manage fastest pretice sport. Ford) just could not hold the pace and had to be content with a second place Soon after this Mallory Park exercise, Taylor sold that Lola to John Woolfe and Soon after this Mallory Park exercise, Taylor sold that Lola to John Woolfe and got a new one. The new one went to Silverstone and in it Denny Hulme won the major sports car race there last month in an event where Frank Gardner, in the 3 -litre Group 6 Ford prototype, made the fastest racing lap achieved on British soil since the days of the banke
The R.A.C. Championship (and today's race) is for Group 4 sports cars and these are models of which 50 examples have been made in one year's production. The cars have to conform to specifications which govern the dimensions of doors, windows, seats, leg room, boot capacity and so on but, without exceptions, the cars in today's event are built specifically for racing rather than for shopping expeditions!
Today's race is the seventh of the eight which count towards the sports car championship in which there are two classes-up to and over 2000 cc. Except for the BOAC " 500 " race at Brands Hatch in April and the T.T. here in June (for which the points were doubled in each case), the scoring in the championship is on the basis of eight points to the driver who wins his class, six for second place in the class, four for third and two for forth.
Points before todays race are as follows
Class A (up to 2000 cc ) Class B (over 2000 cc )
W. Bradley (A) 54 pts., P. Hawkins (B) 48 pts., D. Hulme (B) 32 pts.,
J. Miles (A) 30 pts., B. Redman (B) 16 pts., J. Ickx (B) 16 pts., A. Dean (A) 16 pts., J. Oliver (A) 16 pts., E. Liddell (B) 14 pts., D. Hobbs (B) 12 pts., J. Edmonds (B) 12 pts., P. Sadler (B) 10 pts., D. Prophet (B) 10 pts., R. Pike (A) 10 pts., J. Harris (A) 10 pts., R. Pierpoint (B) 8 pts., M.
Hone (A) 8 pts., J. Delmar-Morgan (A) 8 pts., F. Gardner (B) 8 pts, Hone (A) 8 pts., J. Delmar-Morgan (A) 8 pts., F. Gardner (B) 8 pts., C. Ashmore (A) 6 pts., J. Bonnier (B) 6 pts., M. de' Udy (B) 4 pts., A. Rollinson (A) 4 pts., E. Nelson (B) 4 pts., D. Martland (A) 2 pts., T. Taylor (A)
2 pts.; D. Piper (B) 2 pts., J. Morris (A) 2 pts.

## The Gear Box

## TUNING and CAR CONVERSIONS


in association with The Gear Box
Wallasey's leading Car Accessory and Speed Shop

Offers a complete sales and fitting
service for all speed equipment

TAURUS<br>ALEXANDER . WEBBER<br>S.U. etc.

write or call :
144 Seaview Road, Wallasey, Cheshire
Telephone: 051-639 1742


## 6. Jack Oliver

A "Motor Racing" photograph

When Jack Oliver got his chance in the Lotus Formula 1 team he seized it with Lotus Formula 1 team he seized it with
both hands and, following his performance both hands and, following his performance
at the British Grand Prix, he must be regarded as a driver who is ready, at any garded as a driver who is ready, at any makings of a fure World Chempion makings of a future World Champion. At Brands Hatch he made second fastest than Graham Hill's pole position timethan Graham Hills pole position timeand led the race for two periods. Indeed, just before machinery let him down, he any stage of the Grand Prix and also held the lap record for a short while.

Born on July 14th, 1942, Jack Oliver started motor racing in 1960 with a Mini He began to make a name for himself in a Marcos GT a couple of seasons laterespecially when the wooden car burst into especially when the wooden car burst into thousands of splinters when it crashed at Snetterton in 1962. It was replaced by a later model powered by a Superspeedmodified Ford engine. With this car Jack
finished fourth overall behind Mike Parkes (Ferrari), Jack Pearce (Lotus 23) and Frank Gardner (Brabham) in the 1963 Frank Gardner (Brabham) in the 1963 Martini Trophy Silverstone meeting in pouring rain. In 1964 a Diva replaced the Marcos, but in mid-season this too became redundant when Jack decided to buy a Ootus Elan and take part in internationals ing at Brands Hatch that year, he was ing at Brands Hatch that year, he was and Sir John Whitmore.

Young Jack went Formula 3 in 1966, racing a new Brabham instead of the Elan he used through 1965. This was probably the best decision he made, for he caugh the eye of Colin Chapman of Lotus and in mid-season was invited to race a works Lotus 41 alongside Piers Courage and Roy Pike. He also raced a Mini again in a few club events.
In 1967 Jack graduated to a Lotus Formula 2 car which, although beset with teething troubles, went very well on occasions. However, when Jack could borrow one of his team-mates cars (Jim Clark's or Graham Hill's) he usually went better still! Ken Baker also let him loose for the second year running in a Ford Mustang in British Saloon Car Championship events, but despite mighty heroics it was usually beaten by Frank Gardner's special 5-litre Alan Mann Ford Falcon. He wound up second in the class. It is, of course, extremely sad that Jack Oliver should get his chance in the Gold Leaf Team Lotus Formula 1 car as a result of Jim Clark's death, but nobody could say that he has not justified his position in the team subsequently.

## FOREWORD

by-
JAMES SCOTT DOUGLAS
Daily Express Motoring Correspondent


# To Finsin... 



THE PAPER IN THE KNOW
A starting grid packed with most of the world's greatest Grand Prix aces including several former world champions and more than one up and coming driver who I would confidently back to shortly win that coveted title.

That is today's International Gold Cup, the 15 th since the race was originated here at Oulton Park in 1954, and the 11th to be sponsored by the Daily Express who also sponsor other major four and two wheeled events here as well as the classic annual international Trophy meeting organised by the British Racing Drivers' Club at Silverstone.

Keen support for all forms of motor sport stems from the very top of the Express hierarchy with Sir Max Aitken himself, formerly a successful driver who amply fulfilled the exacting requirements for membership of the exclusive British Racing Drivers' Club with his many fine drives in international events.

And this keeness is reflected here in the North by Mr. Charles Lawrence, chairman of the Manchester Divisional Board of the Daily Express, who participated at Brooklands in it's heyday just before the 1939-45 war.

But to me, today's most exciting question is can former world champion Jack Brabham overcome the mechanical 'gremlins' that have dogged him all season?

If he wins today's Formula One International Gold Cup, generously supported by Guards, following his wins in 1957, 1964, 1966 and 1967, he will equal the record of Stirling Moss who triumphed in ' 54, ' 55, ' 59, ' 60 and ' 61 .

Other winners have been Roy Salvadori in 1956 and '58, the late Jim Clark in 1962 and '63, and John Surtees in 1965.

Adding in the supporting races, today must be one of the most exciting programmes ever offered on any British circuit.
And, if you think like me that Oulton Park is Britain's nearest equivalent to the great road racing circuits of Europe, we can all look forward to a formidable display from the star-packed list of competitors.


LOTUS-FORD
MATRA


## The Half Way Stage

What's next in Formula 1? by GRAHAM MACBETH
Photographs by Linton Money and Gerry Stream
Just over six weeks ago, the current Formula 1 reached its half way stage. Unless the internation federation which controls motor racing has a change of heart, the present 3-litre Grand Prix formula is due to come to an end on 31st December,
1970, having begun its life on 1st January, 1970, having begun its life on 1st January, 1966.

Much has happened in the past $2 \frac{1}{2}$ years and the cars which contest the Guards Gold Cup race today are the fastest the world has ever seen. Given a dry track, the lap record at Oulton Park is likely to go somewhere above 110 mph and although, once or twice in the past, a few care types of racing car may have been capable, theoretically at least, of travelling quicker in a straight line, the only type of racing machine which can rival the Formula 1 cars which make up the grid for this afternoon's 110 mile race in terms of ability to get round a road racing circuit quickly are the same things with streamlined bodywork (e.g., the Ford 3-litre sports car prototype in which Frank Gardner recently broke the outright lap record at Silverstone) or the Cam-Am sports cars with 6 or 7-litre V8 engines which, in the cases of McLaren and Lola at any rate, also owe quite a lot to current Formula 1 practice.
As one who enjoys a bit of crystal gazing at times, I once wrote an article for a motor racing programme which looked ahead at likely developments in racing design. It was, I think, in 1959 and then I referred to the use of fully automatic and, probably, infinitely variable transmission is a means of improving performance by saving the time currently the use of fourween gear
wheel-drive
These we have seen in one form or another in motor racing but not all of them so far in motor racing but not lit in Formula 1. There is little doubt that Hext commonplace in Gran Prean there must have been many a team manager in the rain-sodden ef World wished that they had got further advanced wished that they had got further advanced with their $4-\mathrm{w}$-d developments. The current cars, with fantically wide tyres and fitted (rims of greater width than diameter rims (rims of great in the wet the loss of in many cases and is frightening and the ease with


EAGLE-WESTLAKE


FERRARI


MATRA-FORD
BRM

which aquaplaning takes place is such that there are plenty of drivers who have given up laughing at the American system of postponing races when the rain falls down.
The rain tyres which are fitted these days have great drainage channels in them by removing complete tread bands so that, in effect, the tread pattern is greatly reduced in width so far as road contact is concerned although the overall width is, of course, retained
Four-wheel-drive will have an immense advantage under wet weather conditions but, with power-to-weight ratios now so high, it will help to a marked extent in the dry too, for all the leading F. 1 contenders these days are capable of spinning their rear wheels out of all the slower corners. Four-wheel-drive in modern motor racing was demonstrated effectively in the Coven-try-Climax engined Ferguson P. 99 car Stirling Moss and, the following season, was used by Peter Westbury to win the R.A.C. Hill Climb championship. B.R.M built a prototype Grand Prix car using their Tasman V8 engine and, although it was not used extensively in circuit racing, it has subsequently made a significant impact in British hill-climbing where $4-w-\mathrm{d}$ is used by several of the leading contenders these days.
The Ferguson system has also been used at Indianapolis where, for the past two years, turbine-powered cars have so nearly wiped the floor with the conventionally powered models. Indeed, the desperately conservative controlling body there is in the middl of an incredibly naive attempt to ban four wheel-drive from its race on the ground that it is too expensive and shows vantage as a worthwhile development production models! The Ferguson the pany have, quite naturally, pointed FF which is and FF which is ald motoring Press have not stopped raving abouts its effectiveness, and stopped raving about
the battle continues
It was many years ago that we saw David Hobbs tip an automatic transmission XK140 on its side at Old Hall Corner here and that was one of the earlier applications of fully automatic transmission in Europeon motor racing, although Paul Frere made quite a name for himself in the touring car races at Spa, in Belgium, driving big American cars with auto-transmission.
There the matter rested for a while until, almost out of the blue, Texan driver Jim Hall (remember him competing here in the British Racing Partnership Lotus Climax GP cars ?) used some of his sports cars, with quite a lot of technical

assistance from General Motors (who really made auto-transmission work abou 30 years ago). These very advanced sports cars dominated the American scene and made some not-too-unsuccessful sorties into Europe, failing at Le Mans but winning, for instance, in the Nurburgring at Brands Hatch.
We saw Bruce McLaren trying out another form of auto-transmission in the TT here but he had troubles with it and reverted to normal manually selected gears. One wonders whether he might not have persisted to determine the advantages of the design, had it not kept breaking up and losing all its oil.
Oil leaks don't bother the other form of automatic transmission which has enjoyed some success in European racing, which is the DAF system as in the little Dutch saloon cars. For a couple of seasons this has been used in Formula 3 racing and there was a convincing demonstration of its effectiveness at Brands Hatch last October when, in a rain-soaked race which was eventually abandoned, Mike Beckwith shot off the start line in a Brabham using the DAF transmission. This system, which enables the engine to keep at peak power all the time, is the fulfilment of the ideal of automatic transmission, but one feels that rubber belts as a means of drive between the engine and back wheels are not likely to be entirely suitable when 400 b.h.p. is involved

As well as auto-transmission, Jim Hall's Chaparral experimented and, it seems, perfected the use of "wings". This is
something which I certainly never foresomething which I certainly never foreSaw in all my crystal gazing and, from the
different applications which have been different applications which have been
seen this last couple of months or so in GP events, it caught several of the major GP events, it caught
teams on the hop, too.
As recently as the Monaco GP at the end of May, no Formula 1 car had used wings although nose fins had been played with in a half-hearted manner for some time and many sports cars have had tail spoilers for several years. Conscious of the "lift" which the body shapes have caused as the speeds of cars have risen, Lotus came out
with "wedge" bodywork for their Indianapolis turbine car and, almost immediately after these cars were finished and before their testing was over, John Miles won a Formula 3 race at Silverstone first time out in the Lotus 41X which followed the same general lines and then Graham Hill "won the Monaco GP with a Lotus 49 "wedge".
It was the following month, at the Belgian It was the following month, at the Belgian
Grand Prix on the frighteningly fast SpaFrancorchamps circuit, where lift problems would be more serious than most
other circuits, that Ferrari started the "wings" stampede by fitting an aerofoil over the tail of his cars. The wings spread prix prix and, by the Be Brands Hatch, two pionship circus feached Brands Hed wings of thirds or the field had sprouted wings of assorted sizes and herghts. Since then we Formula 3 racing and the drivers Formula 3 racing and the drivers are downward pressure on the wheels makes the cars much more controllable on the corners and more than compensates for the extra aerodynamic drag when the cars are going in a straight line.
So, where do we go from here? Already in this formula we have seen power outputs rising dramatically from around 300 b.h.p. (which is probably all that the early, Buick-based Repco engines produced with which Jack Brabham managed to pull off the world Championship in the first year of the formula, 1966). Something over 400 b.h.p. is what is required now to have a reasonable expectation of winning a Formula 1 race.
Except for a few rare wins by V12 engined cars (Ferrari and Honda), the formula has been dominated by relatively simple V8 engines-first the Repco and, more recently and more completely, by the Cos-worth-designed Ford. The H16 BRM can only be described as a failure and the men at Bourne are having a much better time with the V12 which is a more logical variation on their earlier and quite successful $1 \frac{1}{2}$-litre V8 theme.
It came as something of a shock, when the latest Honda was announced (the ill-fated car in which Jo Schlesser lost his life at the French Grand Prix) that the engine, predictably air-cooled, was not a unit with many pistons and tiny cylinders, following the pattern of the incredibly powerful racing motor cycle units from the same stable, but a mere V8 compared with the V12 used for the previous two years.
Yet it seems more logical to expect most future engines to have more cylinders because, at least in theory, this is the way to increase the power and, ultimately, this is a power race.
It is often overlooked that the current formula is for $1 \frac{1}{2}$-litre supercharged engines mula is for $1 \frac{1}{2}$-litre supercharged engines its final form, the supercharged BRM of the early-1950s was producing allegedly the early- 1950 s wa
well over 500 b.h.p.
This was, of course, when running on This was, of course, when running on
alcohol-based fuels but it is significant that when, during the subsequent unsupercharged $2 \frac{1}{2}$-litre formula of the $1954-60$ outputs gained soon outstripped those ures in the same engines when using alcohol and, in addition, designers rapidly
eliminated the overheating problems which had been one of the major reasons for their earlier reluctance to accept petrol as a racing fuel
Is it not possible, then, that the power race may result in renewed interest in supercharging? Or that the other provisions of Formula 1, so far not used by designers, might be considered? These include the use of gas turbines under a specification which, if the results achieved at Indianapolis are anything to go by, are pretty beneficial compared with piston engines. Additionally, there is provision for rotary piston (NSU-Wankel type) units in the formula. Oh, yes, there's plenty of scope for original thinking!
For either supercharged engines or turbines, the use of four-wheel-drive and/or fully automatic transmission does a good deal to eliminate the potential problems which go with these types of propulsion. If the present formula, in its second half, gets even a part of these developments further than the drawing board, motor racing will have indeed lived up to its slogan which says that it improves the breed. Finally, there is the question of drivers. Here you need a very special kind of crystal ball. The question is more open today than most people can remember it ever being.
A glance at the World Championship table shows just how open the position is, with Graham Hill leading, having scored 30 points from two wins and two second places and Jackie Stewart right on his tail with 26 points (two wins also-both scored in the wet with an injured wrist) and Jacky Ickx close to both with 23. Ickx for instance, could overtake Hill in a single race and this when seven out of the season's 11 Grandes Epreuves have been run!
So study form yourself today and think what it can mean in the Italian, Canadian, United States and Mexican Grands Prix. Do you not agree that Chris Amon must soon win a Grand Prix after his consistently high placings and his tremendous fighting spirit ? Or that Jochen Rindt, another great fighter, must soon win through to first place. Remember, too, that Jack Brabham won the world championship as here last year, and that Denny Hulme is the reigning world champion and that he is still within striking distance and that his team-mate Bruce McLaren has already his team-mate Brace his inalu Grand Prix.
You certainly cannot overlook John Surtees, World Champion of 1964 and one of the most dedicated and skilful Keep in the gan Jack Oliver and Pedro Keep an eye on Jack Oliver and Pedro Rodriguez, for a start.

STARTING GRID POSITIONS
FORMULA 1 RACE


SALOON CAR RACE


## Ten bob the lot!



## 4 magnificent cutaway drawings yours for only 10 /- from Shell!

James Allington has produced splendid $25^{\prime \prime}$ by $19^{\prime \prime}$ cutaway drawings of each of these great cars - Chaparral 2F, Ferrari $\mathrm{P}_{4}$, Ford Mk IV, Porsche 907 -showing in great detail their intricate construction.

You can get the whole set for only $10 /-$. Just fill in the coupon below and we'll send them to you straightaway.


## BRITISH SALOON CAR CHAMPIONSHIP

Perhaps because it concerns itself with the sort of cars which have brought most of us here today (at least, that is what they look like from the outside!), the saloon car championship has been one which has captured the public imagination for years and has always been very closely contested.
More than most, it is a championship which attracts the attention of the car makers who, because of the publicity it brings, are prepared to spend quite a lot of money in support of the "balloon dicers". In fact, there are plenty of people around who are criticising the state of the champioiship today because of the effort put into it by manufacturers' teams, who have thus made it particularly difficult for private entrants to enjoy very much success.
With the withdrawal of Chrysler's British department, Rootes, from the fray (previously they supported the Alan Fraser team of Hillman Imps) it has become a virtually straight fight between Ford and B.M.C., although that is, perhaps, an over-simplification of the situation. It is something of a four-part struggle between the Ford Falcons in the over 1600 cc class, all scrapping among themselves, as well as trying to hold off the Ford Motor Company-sponsored Alan Mann Racing Ltd. Ford Escort which dominates the 1301-1600 cc class and in the 1001-1300 cc class there is another struggle between the B.M.C. MiniCooper "S" cars and the Ford factory-supported Escort GTs of Bristol Street Group/Team Broadspeed. There is a lesser scrap between the Mini-Coopers and the now-obsolete Ford Anglias in the up-to- 1000 cc class.
Primarily a driver's contest, the saloon car championship still has some way to go and it will not be until the Motor Show period that it comes to an end with Motor Show " 2000 " meeting at Brands Hatch in October. It has certainly been well worth watching up until now because nobody has had an easy life in the competition.
Frank Gardner, the reigning champion, started off at a disadvantage since, at the beginning of the racing season, he could not use the Escort Twin-Cam which was destined to be his mount for the bulk of the year. In March, when the scrap began, the Escort Twin-Cam was not "homologated" (internationally recognised with sufficient numbers having come off the production line), although the smaller capacity Escort GT was already made in
large enough numbers. large enough numbers.
So Alan Mann's team began the season with one of last year's Cortina Lotus models and suffered some mechanical trouble with that, too. Broadspeed's 1300 GT Escort's were not properly "sorted" at the beginning of the season while John Rhodes in the latest MiniCooper with special cylinder head and fuel injection was going faster than ever.
Thus, at the start of the season, yet another of those fast-driving Australians, Brian "Yogi" Muir, in Bill Shaw's Ford Falcon, looked like running away with the championship if Rhodes did not do it, as he did a few seasons ago
Muir had to work hard for his points, however, as David Hobbs in Mike Gartlan's Falcon hounded him for race after race. Then the Alan Mann Escort, taking advantage of the championship rule which permits a special cylinder head and puts no restriction on the number of valves (a Formula 2 Cosworth FVA head is used), started to go really quickly. At Mallory Park in June, Gardner in the Escort chased Muir's Falcon all the way after a bad start and finished right on its tail.
At the British Grand Prix meeting in mid-July, Gardner won after leading for several laps, being passed by Muir and then going in front again when the Falcon went into a bank. A week later at Silverstone it was Hobbs who won in the other Falcon with Muir second, omplete with punctured tyre so he lost points while Gardner was content with fourth overall and a class win.
It is, of course, a class struggle and the overall positions do not enter into the points position, but it is the battle for the place up front which the spectators enjoy most.
The classes are: A-over $1600 \mathrm{cc} ; \mathrm{B}-1301-1600 \mathrm{cc} ; \mathrm{C}-1001-1300 \mathrm{cc}$; D-up to 1000 cc. Points are awarded on the basis of 8 for a class win, 6 for second place, 4 for third and 2 for fourth.
Positions to date :
F. Gardner (B) 60 pts., B. Muir (A) 46 pts., J. Rhodes (C) 40 pts., J. Fitzpatrick (C) 38 pts., B. Robinson (B) 34 pts., R. Pierpoint (A) 30 pts., S. Neal (C) 22 pts., D. Hobbs (A) 20 pts., V. Elford (B) 18 pts., G. Spice (D) 18 pts., B. Pearson (B) 18 pts., L. Nash (D) 16 pts., C. Craft (D) 16 pts., I. Bax (D) 14 pts., M. Walker (D) 14 pts., A. Dean (B) 14 pts., . Ewer (A) 12 pts., A.Youlten (C) 10 pts., G. Jansen (C) 10 pt., A.Peer (C) 10 pts., R. Calcutt (D) 8 pts., H. Hahne (A) 8 pts., T. Lanfranchi (D) 8 pts., T. Watts (D) 8 pts., R. Taylor (B) 6 pts., J. Handley ( C \& D) 6 pts., J. Bischoff (C) 6 pts., A. Stubbs (A) 6 pts., A. Goedemans (D) 6 pts., P. Lague (C) 6 pts., M. Wayne (A) 4 pts., K. Costello (D) 4 pts., P Harper (D) 4 pts., P. Arundell (A) 4 pts., G. Edmonds (D) 4 pts., S. Fox (A) 4 pts. T. Hezemans (D) 4 pts., A. Jones (D) 2 pts., W. Kay (B) 2 pts., D. Buckett (C) 2 pts.

EVENT 1
START 2.30 p.m.

## SPEEDWORLD INTERNATIONAL TROPHY RACE

19 LAPS - 50 MILES



| No. Driver and Entrant | Car | c.c. | Colour |
| :--- | :--- | :--- | :--- |

Class (a) Up to 1600 c.c.

21 JACKIE OLIVER (Gold Leaf Team Lotus) $1 / 44$.
Lotus 47
Lotus 47
Lotus 47 Europa
1594
Red/White/Gold
(Sunderland RN-TAYLOR
JOHN HINE (Polydor Chris Barber Racing) PETER JACKSON (Julian Hasler)

## Class (b) Over 1600 c.c.

26 JOHN MORRIS or MARTIN HONE
DIGBY MARTL Lock Club Birminghan
27 J
28
29
30 HUGH DIBLEY (Michael De'Udy) Ti Huntar
31 JEFF EDMONDS or CHRIS ASHMORE (J. Edmonds)
32 TONY DEAN (A. G. Dean (Racing) Ltd.)
NS 33 PETER MOULD (Driver)
34 BILL BRADLEY (Driver)
35 CHRIS SKEAPING (Barnet Motor Co. Ltd.)
36 CHRIS CRAFT (Tech-Speed Racing)
37 ARTHUR MOORE (Driver)
38 TIM SCHENKEN (Chevron Cars)
39 JEFF EDMONDS or CHRIS ASHMORE (J. Edmonds)
40 BOB VINCENT (Driver)
遥 41 ROBIN DARLINGTON (Driver)
42 PETER SADLER (Driver)
43 DAVID FROPHET (Driver)
44 EDWARD NELSON (Edward Nelson Racing)
45 JOHN WOOLFE (Paul Hawkins)
46 PAUL HAWKINS (John Woolfe Racing)
47 MICHAEL DE'UDY (Driver)
Wheel Club West Bromwich)Lola T70
50 ROBIN WINIER (Ecurie Bonnier)
ROBIN WIDDOWS (Sportscars Unlimited)

## Reserves to be brought forward in the following order

## 52 MAURICE CHARLES (Driver)

53 JOHN NICHOLSON (Driver)
dyS 54 J. S. CALVERT (Sunderland Racing Developments)
D. C. HARDWICK (Driver)

Ford GT40
Lotus 47
Lotus 47
Fiat-Abarth 1000SP
Lotus 47

4735 Blue
1594 White/Blue
1594 Red
999 Red 1598 Green

## LAP SGORE CHART

| 1 | 2 | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | 6 | $\mathbf{7}$ | 8 | $\mathbf{9}$ | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

RESULT-SPORTS CAR RACE
Up to 1600 cc
1st...........
2nd
3rd
4th..
Over 4600 cc
2nd.... 49
3 rd .46.
4th. 44
Winner's Speed.10.1.7.7.mph Fastest Lap: Car No. 4.7 .49 at 10.3 .3 . F . mph Im

## MID-CHESHIRE MOTOR RAGING CLUB LTD.

## THE CLUB BEHIND TODAY'S MEETING

The Mid-Cheshire Motor Racing Club organises yet another Cold Cup Meeting at Oulton Park today, the first having been held in August 1954 when Stirling Moss won the Gold Cup driving a Maserati 250F

The Club has been closely associated with Oulton Park since the idea of building a racing circuit here was first proposed and staged the first meeting to be held on the circuit, in August 1953. Mid-Cheshire is very active in the organisation of all forms of motor sport and, through the co-promotion of events (usual practice these days), and invitations to take part in restricted events, members have the opportunity of competing in Race Meetings, Production Car Trials and Sporting Trials, Autocross, Autopoint and Sandocross, Driving Tests, Sprints and Hill-Climbs. The Club organises an annual event for the R.A.C. Trials Championship, the Wilshire Trophy Trial. The Social Side is well cared-for, with regular programmes of Film Shows, Industrial Visits and Dances. All members receive a substantial monthly Bulletin designed to keep them in touch with all aspects of Club activities and to provide a forum for discussion. Club "Headquarter Nights" are held informally at the H.Q., the Boddington Arms, Wilmslow, on the first and third Tuesday of every month, when members foregather for a chat and a noggin in a motoring atmosphere.
The Club observe all the usual seasonal activities-from Father Christmas to Guy Fawkes, Midsummer Night and St. Valentine. Members may purchase at reasonable prices, a full outfit of Club Regalia comprising Club Tie in three different colour schemes, metal car badge, car transfer badge (also suitable for fixing to crash helmets), lapel badge, overall badge in cloth, and blazer badge in silver wire.
A request for membership forms can be made on the slip below-

To-The Hon. Secretary, M.C.M.R.C. A. S. Atkinson,
12 Crewe Road, Shavington, Near Crewe, Cheshire.
Please send me details of membership and a form of Application for Membership of the M.C.M.R.C.

## NAME

$\qquad$

## GUARDS First in their class

Why? Because Guards are far and away the leading cigarette in their class. Out in front for flavour, quality and satisfaction. You join the leaders when you change to Guards.
Guards-Britain's leading cigarette at $4 / 6$ for 20
Fine rich Virginia...


Guards International GOLD CUP RACE FORMULA 1

RACING CARS
40 LAPS - 110 MILES

| No. | Driver and Entrant | Car | c.c. | Colour |
| :---: | :---: | :---: | :---: | :---: |
| 1 | DENIS HULME or BRUCE McLAREN (Bruce McLaren Motor Racing Ltd.) | McLaren Ford | 2993 | Orange |
| 2 | GRAHAM HILL <br> (Gold Leaf Team Lotus) | Lotus Ford | 2994 | Red, White, Gold |
| 3 | JACKIE OLIVER <br> (Gold Leaf Team Lotus) | Lotus Ford | 2994 | Red, White, Gold |
| 4 | JOHN SURTEES <br> (Honda Racing) | Honda | 2992 | White/Red |
| 5 | JACKIE STEWART <br> (Matra International) | Matra | 2993 | Blue |
| 6 | JACK BRABHAM <br> (Brabham Racing Organisation Ltd.) | Repco Brabham | 2996 | Green/Yellow |
| 7 | JOCHEN RINDT <br> (Brabham Racing Organisation Ltd.) | Repco Brabham | 2996 | Green/Yellow |
| 8 | CHRIS AMON <br> (Ferrari S.p.A. SEFAC) | Ferrari Formula 1 |  | Red |
| 9 | JACKY ICKX <br> (Ferrari S.p.A. SEFAC) | Ferrari Formula 1 |  | Red |
| 10 | JOAKIM BONNIER (Ecurie Bonnier) | McLaren B.R.M. |  | Yellow |
| 11 | PIERS COURAGE <br> (Reg. Parnell (Racing) Ltd.) | B.R.M. | 2998 | Green/Red |
| 12 | PEDRO RODRIGUEZ <br> (Reg. Parnell (Racing) Ltd.) | B.R.M. | 2998 | Green |
| 14 | TONY LANFRANCHI (Motor Racing Stables Ltd.) | B.R.M. | 2060 | Green |
| 15 | DAVID HOBBS <br> (Bernard White Racing) | B.R.M. | 3000 | Green |
| 16 | SILVIO MOSER <br> (Charles Vogele Team) | Repco Brabham | 2996 | Red/White/Yellow |
| 17 | derek bell <br> (Ferrari S.p.A. SEFAC) | Ferrari Formula 1 |  | Red |

## LAP SCORE CHART

| 1 | 2 |  |  | 45 | 5 | 6 | 7 | 8 | 9 |  | 11 | 12 | 131 | 14 | 15 | 16 | 17.18 | 181 | 1920 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | - | - |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  | 23 | 24 | 25.26 | 26 |  | 28 | 29 |  | 3132 | 323 |  | 335 |  | 37.38 | 33 | 40 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## RACE POSITIONS DURING THE GOLD CUP RACE

| Position <br> At Lap <br> 1 |  | 1st <br> Car No. | 2nd <br> Car No. | 3rd <br> Car No. | 4th <br> Car No. | 5th <br> Car No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 |  |  |  |  | 6th <br> Car No. |  |
| 5 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |
| 25 |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |
| 35 |  |  |  |  |  |  |
| FINISH <br> 40 |  |  |  |  |  |  |

Race positions will be announced at regular intervals during the race

## RESULTS-FORMULA 1 RACE



Fastest Lap: Car No. $5+8 \ldots .$. Time.Im................ Speed. 1 IO.4. mph
nzw recore


At this meeting the quality of Hepolite products is being proved to you as it has been over and over again in events throughout the world. Competitors put their confidence in Hepolite pistons, pins, rings and liners. Why don't you? Specify Hepolite and get the very best performance and economy your engine can give.

<br>HDPOLTTE AE An Associated Engineering Limited Company



EVENT 3

## SALOON CAR RACE

19 LAPS - 50 MILES

BMC Cooper ' S '
Ford Anglia Ford Anglia Austin Cooper 'S' Ford Anglia Hillman Imp Hil:man Imp

970 Blue/White 997 Maroon/Silver 997 Purple 999 Blue/Silver 999 Red/Silver 998 Green/White 998 Red

Class (a) Up to 1000 c.c.
61 IAN BAX or PETER LAGUE (Ian R. Bax)
62 IAN McDOUGALL or GERRY EDMONDS (Ian MCDógall)
63 L. F. V. NASH (Driver)
64 GORDON SPICE (Equipe Arden)
65 LAWRENCE HICKMAN (Leonard Ward Racing)
66 TERRY WATTS (Harlton Racing Intercontinental)
6\% ALAN JONES (Driver)
Class (b) 1001 c.c. to 1300 c.c
68 STEVE NEAL (The Cooper Car Co. Ltd.)
69 JOHN RHODES (The Cooper Car Co. Ltd.)
70 CHRIS MONTAGUE (Alexander Engineering Co. Ltd.)
71 R. J. PARKINSON (Driver)
72 KEN COSTELLO (Driver)
73 TONY YOULTEN (Cars and Car Conversions)
74 DAVID BUCKETT (Driver)
75 IAN BAX or PETER LAGUE (Ian R. Bax)
76 GRAHAM JANZEN (Driver)
77 JOHN FITZPATRICK (Team Broadspeed)
78 CHRIS CRAFT (Team Broadspeed)

Class (c) 1301 c.c. to 2000 c.c
79 BRIAN ROBINSON (A. G. Dean (Racing) Ltd.)
80 TONY DEAN (A. G. Dean (Racing) Ltd.)
81 BARRY PEARSON (A. G. Dean (Racing) Ltd.
82 FRANK GARDNER (Alan Mann Racing Ltd.)
83 M. J. CRABTREE (John Willment Group of Ford)
84 KEN COFFEY (Driver)
85 GEOFF BREAKELL (T. R. Clapham)
86 PETER KOEPCHEN (Schnitzer-Keepchen-BMW Tuning)

## Class (d) Over 2000 c.c.

## 37 A. N. OTHER (Alan Mann Racing Ltd.)

88 ROY PIERPOINT (Driver)
89 BRIAN MUIR (W. J. Shaw)
TO TERRY SANGER (Driver)

Morris Cooper 'S' 1293 Green/White Morris Cooper 'S' 1293 Green/White Morris Cooper 'S' 1293 Turquoise/White BMC Cooper 'S' 1293 Blue/White Austin Cooper 's' 1293 Blue/White Austin Cooper 'S' 1293 Yellow Austin Cooper 'S' 1293 Grey/White BMC Cooper 'S' 1293 Blue/White Austin Cooper 'S' 1293 Red/Black Ford Escort 1297 Red/Silve Ford Escort 1297 Red/Silver

Ford Lotus Cortina 1558 White Ford Lotus Cortina 1558 White Ford Lotus Cortina 1558 Whit 1504 Red/Gold Ford Escort 1594 Red/Gold Ford Escort 1594 White/Re Ford Escort Alfa-Romeo GTA 1596 Red BMW 20021990 Silver

Ford Escort
Ford Falcon
Ford Falcon
Ford Falcon

2231 Red/Gold
4700 Biue
4700 Blue 4727 White/Blue

Reserves to be brought forward in the following order :
91 CHARLES LUCAS (Slot Stereo Systems)
92 DAVID HOBBS (Malcolm Gartlan)
93 ALAN PEER (Dagenham Motors)

## Silver

4700 Blue
1297 Light/Dark Blue

LAP SCORE CHART


| RESULT-SALOON CAR RACE |  |  |
| :---: | :---: | :---: |
| Up to 1000 cc | 1001 to 1300 cc |  |
| 1st.............. 2nd... | 1st................. | 2nd. |
| 1301 cc to 2000 cc | Over 2000 cc |  |
| 1st.............. 2nd. | 1st................. | 2nd. |

OULTON PARK GOLD CUP PARTY

## OX-ROAST and DANCING

by the WALL CITY JAZZMEN
presented by

## MANGOLETSI

leading specialists in performance and luxury cars
at THE VALE ROYAL of ENGLAND whitegate, near sandiway

SATURDAY, AUGUST 17th, 1968
Admission and food FREE for competing drivers, staff officials and ticket holders only
A limited number of tickets will be available from our representative at the paddock gate between 1 p.m. and 2 p.m. on Race Day

A Unique Display of ALFA ROMEO, B.M.W., FERRARI, HONDA, MECEDES BENZ and selected used sports and performance cars will be on show from 6 p.m.

## MANGOLETSI

KING ST., KNUTSFORD Tel. 2646
NICHOLAS ST., CHESTER Tel. 42277


## OULTON PARK LAP RECORDS <br> GOLD CUP MEETING - AUGUST 17th, 1968

Event 1-Group 4 Sports Cars
Driver Car and cc
Time
Speed
Up to 1150 cc
CHRIS McLAREN
1151-1600 cc
JOHN MILES
997 Marcos-Ford GT
1594 Lotus Europa 47
$2 m 01.2 s \quad 82.01$

1601-2500 cc
TONY DEAN
Over 2500 cc
JO BONNIER
1991 Porsche Carrera 6 1 m 44.0 s 95.52 1m 41.2s 98.22
$1 \mathrm{~m} \mathrm{37.4s} 102.05$
Event 2-Formula 1 Guards Gold Cup Race
Outright Circuit Record and Formula 1
$J A C K$
BRABHAM 2996 Repco-Brabham BT24 1m 31.6s 108.51
Event 3-Group 5 Saloon Cars
Up to 1000 cc
JOHN FITZPATRICK 997 Ford Anglia 1 m 59.0s 83.53
1001-1300 cc
STEVE NEAL
1293 Mini Cooper 'S'
$1 \mathrm{~m} \mathrm{57.0s} \quad 84.95$
GRAHAM HILL
1594 Ford Lotus Cortina
1m 51.4s 89.22
Over 2000 cc
FRANK GARDNER 4986 Ford Falcon Sprint
$1 \mathrm{~m} 47.4 \mathrm{~s} \quad 92.55$

## INTERNATIONAL FLAG SIGNALS

National : Signal of race start.
Blue: Another competitor is following you very closely and may, or is about to overtake you.

White : A service car is on the circuit.
Yellow: Danger-No Overtaking.
Yellow with Vertical Red Stripes: Oil spilt on the road.

Red: (At the exclusive disposal of the Cierk of the Course) Complete and immediate stop for all cars.

Black with White Number: The car bearing the number indicated must stop at its refueling pit.

Black and White Chequered: Signa of end of race.

USE OF FLAGS
Flag shown motionless: Forewarning of a hazard on the course.

Waved Flag: Immediate proximity of danger.

Doubling the Flags: Very serious emergency.
Blue (Motionless) : A car follows you closely
Blue (Waved) : A car is trying to overtake you.

## YOU CAN'T MISS AEROSIGNS <br> AT ALL CIRCUITS

OULTON PARK SPEED TABLE
1 lap $=2.761$ miles

| Lap Time | Speed | Lap Time | Speed | Lap Time | Speed | Lap Time | Speed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M.S. | m.p.h. | M.S. | m.p.h. | M.S. | m.p.h. | M.S. | m.p.h. |
| 130 | 110.44 | 139 | 100.40 | 148 | 92.03 | 157 | 84.95 |
| . 2 | 110.20 | . 2 | 100.20 | . 2 | 91.86 | . 2 | 84.81 |
| . 4 | 109.95 | . 4 | 100.00 | . 4 | 91.69 | . 4 | 84.66 |
| . 6 | 109.71 | . 6 | 99.80 | . 6 | 91.52 | . 6 | 84.52 |
| . 8 | 109.47 | . 8 | 99.60 | . 8 | 91.36 | . 8 | 84.38 |
| 131 | 109.23 | 140 | 99.40 | 149 | 91.19 | 158 | 84.23 |
| . 2 | 108.99 | . 2 | 99.20 | . 2 | 91.02 | . 2 | 84.09 |
| . 4 | 108.75 | . 4 | 99.00 | . 4 | 90.86 | . 4 | 83.95 |
| . 6 | 108.51 | . 6 | 98.80 | . 6 | 90.69 | . 6 | 83.81 |
| . 8 | 108.27 | . 8 | 98.61 | . 8 | 90.52 | . 8 | 83.67 |
| 132 | 108.04 | 141 | 98.41 | 150 | 90.36 | 159 | 83.53 |
| . 2 | 107.80 | . 2 | 98.22 | . 2 | 90.20 | . 2 | 83.39 |
| . 4 | 107.57 | . 4 | 98.02 | . 4 | 90.03 | . 4 | 83.25 |
| . 6 | 107.34 | . 6 | 97.83 | . 6 | 89.87 | . 6 | 83.11 |
| . 8 | 107.11 | . 8 | 97.64 | . 8 | 89.71 | . 8 | 82.97 |
| 133 | 106.88 | 142 | 97.45 | 151 | 89.55 | 200 | 82.83 |
| . 2 | 106.65 | . 2 | 97.26 | . 2 | 89.38 | . 2 | 82.69 |
| . 4 | 106.42 | . 4 | 97.07 | . 4 | 89.22 | . 4 | 82.55 |
| . 6 | 106.19 | . 6 | 96.88 | . 6 | 89.06 | . 8 | 82.42 |
| . 8 | 105.96 | . 8 | 96.69 | . 8 | 88.91 | . 8 | 82.28 |
| 134 | 105.74 | 143 | 96.50 | 152 | 88.75 | 201 | 82.15 |
| . 2 | 105.52 | . 2 | 96.31 | . 2 | 88.59 | . 2 | 82.01 |
| . 4 | 105.29 | . 4 | 96.13 | . 4 | 88.43 | . 4 | 81.87 |
| . 6 | 105.07 | . 6 | 95.94 | . 6 | 88.27 | . 6 | 81.74 |
| . 8 | 104.85 | . 8 | 95.76 | . 8 | 88.12 | . 8 | 81.61 |
| 135 | 104.63 | 144 | 95.57 | 153 | 87.96 | 202 | 81.47 |
| . 2 | 104.41 | . 2 | 95.39 | . 2 | 87.80 | . 2 | 81.34 |
| . 4 | 104.19 | . 4 | 95.21 | . 4 | 87.65 | . 4 | 81.21 |
| . 6 | 103.97 | . 6 | 95.02 | . 6 | 87.50 | . 6 | 81.07 |
| . 8 | 103.75 | . 8 | 94.84 | . 8 | 87.34 | . 8 | 80.94 |
| 136 | 103.54 | 145 | 94.66 |  | 87.19 | 203 |  |
| . 2 | 103.32 | . 2 | 94.48 | . 2 | 87.04 | 2. | 80.68 |
| . 4 | 103.11 | . 4 | 94.30 | . 4 | 86.88 | . 4 | 80.55 |
| . 6 | 102.89 | . 6 | 94.13 | . 6 | 86.73 | . 6 | 80.42 |
| . 8 | 102.68 | . 8 | 93.95 | . 8 | 86.58 | . 8 | 80.29 |
| 137 | 102.47 | 146 | 93.77 | 155 | 86.43 | 204 | 80.16 |
| . 2 | 102.26 | . 2 | 93.59 | . 2 | 86.28 | . 2 | 80.03 |
| . 4 | 102.05 | . 4 | 93.42 | . 4 | 86.13 | . 4 | 79.90 |
| . 6 | 101.84 | . 6 | 93.24 | . 6 | 85.98 | . 6 | 79.77 |
| . 8 | 101.63 | . 8 | 93.06 | . 8 | 85.83 | . 8 | 79.64 |
| 138 | 101.42 |  | 92.89 |  | 85.69 |  |  |
| . 2 | 101.22 | . 2 | 92.72 | . 2 | 85.54 | $.2$ | 79.39 |
| . 4 | 101.01 | . 4 | 92.55 | . 4 | 85.39 | . 4 | 79.26 |
| . 6 | 100.81 | . 6 | 92.38 | . 6 | 85.25 | . 6 | 79.14 |
| . 8 | 100.60 | . 8 | 92.20 | . 8 | 85.10 | . 8 | 79.01 |

OULTON PARK SPEED TABLE-continued

| Lap Time | Speed | Lap Time | Speed | Lap Time | Speed | Lap Time | Speed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M.S. | m.p.h. | M.S. | m.p.h. | M.S. | m.p.h. | M.S. | m.p.h. |
| 206 | 78.89 | 215 | 73.63 | 224 | 69.03 | 233 | 64.96 |
| . 2 | 78.76 | . 2 | 73.52 | . 2 | 68.93 | 2 . 2 | 64.88 |
| . 4 | 78.64 | . 4 | 73.41 | . 4 | 68.83 | . 4 | 64.80 |
| . 6 | 78.51 | . 6 | 73.30 | . 6 | 68.74 | . 6 | 64.71 |
| . 8 | 78.39 | . 8 | 73.19 | . 8 | 68.64 | . 8 | 64.63 |
| 207 | 78.26 | $2 \cdot 16$ | 73.09 | 225 | 68.55 | 234 | 64.54 |
| . 2 | 78.14 | . 2 | 72.98 | 25 | 68.45 | . 2 | 64.46 |
| . 4 | 78.02 | . 4 | 72.87 | . 4 | 68.36 | . 4 | 64.38 |
| . 6 | 77.90 | . 6 | 72.76 | . 6 | 68.27 | . 6 | 64.29 |
| . 8 | 77.77 | . 8 | 72.66 | . 8 | 68.17 | . 8 | 64.21 |
| 208 | 77.65 | 2:17 | 72.55 | 226 | 68.08 | 235 |  |
| . 2 | 77.53 | . 2 | 72.45 | . 2 | 67.99 | 2.2 | 64.04 |
| . 4 | 77.41 | . 4 | 72.34 | . 4 | 67.89 | . 4 | 63.96 |
| . 6 | 77.29 | . 6 | 72.24 | . 6 | 67.80 | . 6 | 63.88 |
| . 8 | 77.17 | . 8 | 72.13 | . 8 | 67.71 | 8 | 63.80 |
| 209 | 77.05 | 218 | 72.03 | 227 | 67.62 | 236 |  |
| . 2 | 76.93 |  | 71.92 | 2 27 | 67.52 | 2 2 | 63.63 |
| . 4 | 76.81 | . 4 | 71.82 | . 4 | 67.43 | . 4 | 63.55 |
| . 6 | 76.69 | . 6 | 71.71 | . 6 | 67.34 | . 6 | 63.47 |
| . 8 | 76.58 | . 8 | 71.61 | . 8 | 67.25 | . 8 | 63.39 |
| 210 | 76.46 | 2. 19 | 71.51 | 228 | 67.16 | 237 |  |
| . 2 | 76.34 | . 2 | 71.41 | . 2 | 67.07 | . 2 | 63.23 |
| . 4 | 76.22 | . 4 | 71.30 | . 4 | 66.98 | $.4$ | 63.15 |
| . 6 | 76.11 | . 6 | 71.20 | . 6 | 66.89 | . 6 | 63.07 |
| . 8 | 75.99 | . 8 | 71.10 | . 8 | 66.80 | . 8 | 62.99 |
| 211 | 75.88 | 220 | 71.00 |  | 66.71 | 238 | 62.91 |
| . 2 | 75.76 | . 2 | 70.90 | . 2 | 66.62 | . 2 | 62.83 |
| . 4 | 75.64 | . 4 | 70.79 | . 4 | 66.53 | . 4 | 62.75 |
| . 6 | 75.53 | . 6 | 70.69 | . 6 | 66.44 | . 6 | 62.67 |
| . 8 | 75.41 | . 8 | 70.59 | . 8 | 66.35 | . 8 | 62.59 |
| 212 | 75.30 | 221 | 70.49 | 230 | 66.26 | 239 |  |
| . 2 | 75.19 | . 2 | 70.39 | . 2 | 66.18 | . 2 | 62.43 |
| .4 | 75.07 | . 4 | 70.29 | . 4 | 66.09 | . 4 | 62.36 |
| . 6 | 74.96 | . 6 | 70.19 | . 6 | 66.00 | : 6 | 62.28 |
| . 8 | 74.85 | . 8 | 70.10 | . 8 | 65.91 | . 8 | 62.20 |
| 213 | 74.73 | 222 | 70.00 | 231 | 65.83 | 240 | 62.12 |
| . 2 | 74.62 | . 2 | 69.90 | . 2 | 65.74 | . 2 | 62.04 |
| . 4 | 74.51 | . 4 | 69.80 | . 4 | 65.65 | . 4 | 61.97 |
| . 6 | 74.40 | . 6 | 69.70 | . 6 | 65.56 | . 6 | 61.89 |
| . 8 | 74.29 | . 8 | 69.61 | . 8 | 65.48 | . 8 | 61.81 |
| 214 | 74.18 | 223 | 69.51. | 232 | 65.39 |  | 61.74 |
| . 2 | 74.07 | . 2 | 69.41 | . 2 | 65.31 | . 2 | 61.66 |
| . 4 | 73.96 | . 4 | 69.31 | . 4 | 65.22 | . 4 | 61.58 |
| . 6 | 73.85 | . 6 | 69.22 | . 6 | 65.13 | . 6 | 61.51 |
| . 8 | 73.73 | . 8 | 69.12 | . 8 | 65.05 | . 8 | 61.43 |

## GUARDS

## First in their field

Why? Because Guards are far and away the leading men's wear people. First with Crimplene for men, first with the biggest ever revolution in men's wear. Flexible, comfortable, washable Crimplene trousers never crumple.

> The most effective way of wearing elegant trousers if you drive most of the time.

From Guards men's wear stockists ... £6.19.6d


Guards men's wear.
Daneshill West,

## Before you seł out.o.



## .o.make sure he's a B90 dad.

What with paying, packing and driving, holidays mean a lot of headaches for poor old dad. Do him a favour and make sure he knows all about the Lucas Byo Unit Exchange Service.
Bgo is an extra insurance against a spoilt holiday because it is Britain's most comprehensive unit exchange service, providing over 900 different electrical units including generators, starters, distributors, regulators, horns and wipers for all types of British cars - new or old. All Bgo exchange units are made to the very latest specifications and are covered by a full year's guarantee. Garages all over the country are ready to get you out of trouble with fast expert B9o service.

## LUCAS B90 exchange units

