

LUBRICATION



# SERVICE INSTRUCTION LEAFLET

ISSUED BY  
ROLLS-ROYCE LIMITED

RR/D2(b).

SB/VA.1

Subject :

LUBRICATING OILS - ALL CARS

Date  
of  
Issue

14th October, 1949.

## IMPORTANT

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DOCUMENT ARE  
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Will Retailers please note that we approve the use of the Shell X.100 Series lubricating oils, which are being introduced to replace Single, Double and Triple Shell.

These oils are designated X.100, SAE 20, 30, and 50, and should be used, when available, in all cases where Single, Double and Triple Shell were recommended.



# SERVICE INSTRUCTION LEAFLET

ISSUED BY

ROLLS-ROYCE LIMITED

RR/D2.

SB.1/JH.

Subject :

Recommended Lubricants - All Cars

Date

of 11th November, 1946.

Issue

In order to clarify our official recommendations and to bring up to date all the various recommendations which have appeared in the past, the attached chart has been prepared and should be worked to in future regardless of any other instructions or recommendations which have previously been published.

It will be seen that seven different makes of oils have now been given official recognition, and the object has been to give as wide a choice as possible of different lubricants where this can be done without prejudice to satisfactory lubrication.

In order to simplify identification of the appropriate grade of lubricant, Rolls Royce symbols have been created corresponding to the different categories of oils or greases.

The following additional comments are necessary by way of explanation of certain points.

1. Engine Oils.

It will be noted that an SAE.30 oil (two star) has been adopted for all pre-war cars instead of SAE.40 (three star) previously recommended for many old type models. This recommendation may require slight modification if the engine is in very poor condition in which case use an SAE.40 (three star) oil. Conversely in extremely cold weather a change may be made to SAE.20 (one star) oil in order to improve cold starting. It will be seen that all post-war cars use a one star oil all the year round.

2. Hypoid Oil.

Particular importance is attached to using the grade specified, and alternative oils should only be used where the correct grade is unobtainable. In the event of it being necessary to use an alternative oil use a first quality SAE.90 hypoid oil as recommended by the manufacturers for hypoid axles. In such circumstances drain the axle box thoroughly whilst hot, and re-fill with the alternative oil. Do NOT mix the oils by topping up.

3. High Melting Point Grease.

The chief application for this is in the front hubs of the post-war cars. The only grade which has been cleared experimentally is Shell Retinax H as specified on the chart. The alternative greases quoted are the nearest equivalent if Retinax H is not obtainable.

Additional copies of the chart are obtainable on application to Rolls Royce Limited for use as a Wall Chart if required.

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# SERVICE INSTRUCTION LEAFLET

ISSUED BY

ROLLS-ROYCE LIMITED

RR/D1.

SB/NM. 1/IP.

Subject :

Lubricant for Hypoid Rear Axles.  
25/30 HP. Wraith. Phantom II and Phantom III.

Date  
of  
Issue

6th March, 1946.

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Owing to war conditions, making it impossible to obtain certain constituents, the "Hi-Press" oil which C.C. Wakefield & Co. have been marketing during the war is not entirely suitable for Rolls-Royce cars fitted with Hypoid Rear Axles.

C.C. Wakefield & Co. are however producing a special oil and this will be known as "Special Castrol Hi-Press S/C" and it will be available through the normal channels.

A quantity of this lubricant should be obtained as soon as possible, and all Rolls-Royce cars with Hypoid Rear Axles should have the existing oil drained out and refilled with the new oil.

When this oil change takes place the letter "H" in white should be painted on the axle casing beside the filler plug. This identification mark will indicate that "Special Castrol Hi-Press S/C" oil is in the axle.

Owners should be informed of the change and a slip for insertion in the Owner's Instruction Book given to them. These slips can be obtained from the Service Department.

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO

ROLLS-ROYCE LIMITED, SERVICE STATION, HYTHE ROAD, WILLESDEN, LONDON, N.W.10



# SERVICE INSTRUCTION LEAFLET

ISSUED BY  
ROLLS-ROYCE LIMITED

**RR/D2(c)**  
Supersedes RR/D2(a)

SB/VA.1/SF.

Subject :

RECOMMENDED LUBRICANTS - ALL CARS.

Date  
of  
Issue

26th March, 1954.

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Under cover of Service Instruction Leaflet RR/D2a, a chart (Ref.RR/D2a) was issued giving post-war recommended lubricants for all cars. This chart (RR/D2c) has now been revised and extended.

Further copies of the revised chart for use as a Wall Chart are available on application to the London Service Station.

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO

ROLLS-ROYCE LIMITED, SERVICE STATION, HYTHE ROAD, WILLESDEN, LONDON, N.W.10