



Hydraulic System Mineral Oil Plus

Central Hydraulic Fluid

Description

Castrol Hydraulic System Mineral Oil Plus is a specially formulated mineral fluid for use in later Rolls-Royce and Bentley hydraulic systems where a mineral oil is specified.

Application

This product is specifically designed for use in powered hydraulic systems which use a pump to drive components used in brake actuation and suspension levelling systems. Such a system is used in all Rolls Royce vehicles with serial numbers 50.001 onwards and identification numbers from SCA 0000 ACH 01001 onwards. These vehicles manufactured after 1979, possess special reservoirs which prevent contamination with any other fluids.

This product should never be mixed with conventional synthetic brake fluids or used where this type of product is recommended.

Note:-

For hydraulic systems fitted to earlier models of Rolls Royce, the use of Castrol RR363 is recommended. The use of this fluid was phased out in about 1980 and vehicles using this fluid have a metal reservoir.

Advantages

This product has the following advantages

- exceptionally high viscosity index (VI) ensuring the fluid's viscosity remains more constant under normal operating conditions.
- the use of shear stable additives results in these unique viscometric properties being maintained for longer, thus increasing its service life.
- excellent lubricity
- superior cold temperature performance.
- fully compatible with all elastomers used in existing automotive powered hydraulic systems recommending this type of fluid.
- careful mix of corrosion inhibitors providing superior corrosion protection to all metal surfaces.

Typical Characteristics

Name	Method	Units	Castrol Hydraulic System Mineral Oil Plus
Specific Gravity @ 20°C	Supplier	-	0.845
Viscosity, Kinematic -40C	Supplier	mm ² /s	1200 max
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	18
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	6.15
Viscosity Index	ASTM D2270	None	355
Pour Point	Supplier	°C	-62
Colour, Visual	Supplier	-	fluorescent green

Product Performance Claims

PSA 71 2710

Hydraulic System Mineral Oil Plus

20 Feb 2013

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com