

COFRAN PLURAPOID TO-4 SAE 30

High Performance multifunctional transmission lubricant for construction machinery.

Description

COFRAN PLURAPOID TO-4 SAE 30 is a High Performance multifunctional oil especially designed to meet the rigorous requirements of CAT TO-4. COFRAN PLURAPOID TO-4 SAE 30 was especially designed to be applied in climate zones with high temperatures. This formulation is based on the latest additive technology.

Application

COFRAN PLURAPOID TO-4 SAE 30 can be used in power shift transmissions, gearboxes, final drives, and hydraulic systems, where the manufacturer specifies the use of CAT TO-4. COFRAN PLURAPOID TO-4 SAE 30 is also recommended when oil in accordance with API GL-4, KOMATSU KES 07.868.1 and other manufacturer specifications is required.

COFRAN PLURAPOID TO-4 SAE 30 is miscible and compatible with CAT TO-2 oils and with conventional hydraulic fluids and engine oils, which facilitates a changeover to COFRAN PLURAPOID TO-4 SAE 30. COFRAN PLURAPOID TO-4 SAE 30 is miscible and compatible with conventional, branded multifunctional oils. However, mixing with other multifunctional oils should be avoided in order to fully exhaust this product's benefits. A complete oil drain is recommended before converting to COFRAN PLURAPOID TO-4 SAE 30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Prevents foam formation.
- Reduces braking noise.
- Extended friction-lining life of brakes and clutches.
- Very good wear protection.
- Thermally stable.
- Wide application range.
- Available in a large range of viscosity grades for all operation conditions. Please select the viscosity grade in accordance with the manufacturer's recommendations and the operational conditions.

Specifications

- API GL-4
- CAT TO-4

Recommendations

- ALLISON C-4
- ALLISON TES-439
- KOMATSU KES 07.868.1
- ZF TE-ML 03C, 07F

Product Information



TYPICAL CHARACTERISTICS

SAE class	SAE J300	30
Density at 20°C	DIN 51757	0.877 g/ml
Kinematic Viscosity at 40°C	ASTM D 445	93 mm ² /s
Kinematic Viscosity at 100°C	ASTM D 445	11.3 mm ² /s
Viscosity Index	ASTM D 2270	108
Pour point	ASTM D 7346	-39 °C
TBN	ASTM D 2896	7.7 mgKOH/g
Product coloring	DIN 10964	Brown - Orange

Product Information



In all cases, to limit the risk of water contamination (including condensation), store drums and barrels horizontally. Do not expose packaging to strong sunlight or extreme temperatures. The information contained in this data sheet is based on FLF's experience and know-how in the development and manufacture of lubricants and other chemical products to the best of our knowledge. All chemical products must be used in the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). The performance of our products can be influenced by a range of factors, including conditions of use, application methods, operating environment, pre-treatment of components, possible external contamination, etc. For these reasons, a universal recommendation of our products is impossible. The information given in the data sheet represents general, non-binding guidelines and is provided for guidance only. No warranty, express or implied, is given concerning the properties of the product or its suitability for a given application. We therefore recommend consulting an application engineer to discuss application conditions and product performance criteria prior to use. It is the user's responsibility to test the functional suitability of the product and to use it under the appropriate safety conditions. Our products are subject to continuous improvement, with the aim of enhancing performance or bringing them into line with any new regulations. We reserve the right to modify our product ranges, our products and their manufacturing processes, as well as all the provisions of our publications, at any time and without prior notice. This data sheet cancels and replaces all previous editions. We expressly draw the attention of all users to the fact that our product has not been designed and tested for use in the nuclear and aeronautical fields ("embedded" product). Any use of our product in the aforementioned sectors is the sole responsibility of the user. Reproduction in any form requires the prior written consent of FLF, all rights reserved.