

Product Information



COFRAN PLURAPOID TO-4 SAE 10W

High Performance multifunctional oil for construction machinery.

Description

COFRAN PLURAPOID TO-4 SAE 10W has been specially designed to meet the rigorous requirements of the CATERPILLAR TO-4 specification. This formulation is based on the latest additive technology.

Application

COFRAN PLURAPOID TO-4 SAE 10W 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 10W 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 10W 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 10W. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Prevents foam formation.
- High wet braking performance.
- Extended friction-lining life of brakes and clutches.
- Outstanding oxidation resistance.
- 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

- ZF TE-ML 03C
- ALLISON C-4
- KOMATSU KES 07.868.1

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TYPICAL CHARACTERISTICS

SAE class	SAE J300	10W
Density at 15°C	DIN 51757	0.873 g/ml
Kinematic Viscosity at 40°C	DIN 53001	40.9 mm ² /s
Kinematic Viscosity at 100°C	DIN 53001	6.5 mm ² /s
Viscosity Index	DIN ISO 2909	109
Pour point	DIN ISO 3016	-42 °C
Product coloring	DIN 10964	None

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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.