

Product Information 98.40.02

23-04-2024

Gear Oil Alcat 50

Description

Gear Oil Alcat 50 is a special oil for hydraulic and transmission applications, based on solvent-refined base oils, supplemented with additives to achieve the following properties:

- A very low pour point
- Excellent oxidation stability
- Good wear resistance, as a result of which the final drives achieve a longer service life
- Special friction properties that ensure optimal use of powershift transmissions
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion

Application

Gear Oil Alcat 50 has been specially developed for the lubrication of powershift transmissions, differentials, final drives and hydraulic systems in earth moving equipment for which oil is recommended that complies with the Caterpillar TO-4 or Allison C4 specifications. THE OIL CANNOT BE USED IN ENGINES!

Specifications

API GL-4

Allison C4

Cat TO-4 / TO-2

Komatsu KES 07.868.1

Eaton (Vickers) M-2950-S / I-286-S

Typicals

Density at 15 °C, kg/l	0,904
Viscosity 40 °C, mm ² /s	199,50
Viscosity 100 °C, mm ² /s	17,50
Viscosity Index	94
Flash Point COC, °C	240
Pour Point, °C	-12
Total Base Number, mgKOH/g	9,5
Sulphate Ash, %	1,32
HTHS, mPa.s	6,61

Available packagings



33403
20 L pail



36592
20 L can



32663
60 L drum



33404
208 L drum

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.