

Gear Hydraulic Oil TO-4 SAE 30

Description

High performance multipurpose oil with outstanding wear protection technology. Due to the high thermal stability of the formulation the aging process is significantly reduced even at elevated temperatures. This decisively helps reduce the formation of sludge, improves cleanliness and promotes the reliability of the transmission and hydraulic system. Excellent oxidation resistance allows extended oil change intervals as per manufacturer. Specifically developed additives ensure a longer service life for wet clutches and ensure wet brakes work safely in both, low and high load conditions.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required

Allison C4 • Allison TES 439 • API CF • API GL4 • Caterpillar TO-4 • Komatsu • ZF TE-ML 03C • ZF TE-ML 07F

Technical data

SAE class (gear oils)	30 SAE J306
Density at 59 °F	0,875 g/cm ³ DIN 51757
Viscosity at 104 °F	100 mm ² /s ASTM D 7042-04
Viscosity at 212°F	12 mm ² /s ASTM D 7042-04
Viscosity index	110 DIN ISO 2909
Pour point	-27 °F DIN ISO 3016
Flash point	446 °F DIN ISO 2592
Total base number	11,4 mg KOH/g DIN ISO 3771
Sulfate ash	1,6 g/100g DIN 51575
Color number (ASTM)	L4,0 DIN ISO 2049

Areas of application

Developed for construction equipment according to the high requirements of CATERPILLAR, ALLISON and KOMATSU. For power shift transmissions, transfer cases, final drives and hydraulic systems where a hydraulic oil according to current product specifications is required or recommended.



Application

Observe the manufacturers instructions! Optimum efficiency and product performance is only possible when the product is used undiluted.

Available pack sizes

20 l Canister plastic 22199
USA-AND-CANADA-EN-F

Our information is based on thorough research and may be considered reliable, although not legally binding.