

STRUB Superlube TO-4

Super High Performance
Multifunctional gear oil for construction machinery

Description

STRUB Superlube TO-4 is a specialty lubricant for Caterpillar transmissions, hydraulics and wet brakes.

Application

STRUB Superlube TO-4 is for use in hydraulic systems, Powershift transmissions, axles and wheel drives where the manufacturer specifies Caterpillar TO-4 specification oil.

Features and advantages

- multifunctional field of application
- full lubricity even at high working temperatures
- very good wear protection, even under changing loads
- very good friction behavior for brakes and clutches
- prevents squeaking and rattling
- excellent cleanliness of aggregates, prevention of sludge formation
- excellent seal compatibility
- **not recommended as engine oil**

Specifications

CATERPILLAR TO-4	
ALLISON C-4	(SAE 10, SAE 30)
Komatsu KES 07.868.1	(SAE 10, SAE 30, SAE 50)
ZF TE-ML 03C	(SAE 10, SAE 30)
ZF TE-ML 07F	(SAE 30)
EATON	(SAE 50 SAE 40)
Dana - Spicer	(SAE 50 SAE 40)
API CF / CF-2	(non motor applications)

Technical data

SAE		10	30	40	50
Art.-Nr.		31399	30321	32245	32298
Density at 20°C	g/ cm ³	0.87	0.89	0.90	0.91
Viscosity at + 40°C	mm ² /s	35	100	140	195
Viscosity at + 100°C	mm ² /s	5.9	10.9	14	18
Pour point	°C	- 36	- 30	- 24	- 18
TBN	mgKOH/g	7.6	7.6	7.6	7.6

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 02 07

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.