

PRODUCT INFORMATION



Lubricants – Hydraulic and transmission oil

Version: EEE/25b

Valvoline™ DT Transmission Oil 30

Oil for tractor hydraulic and transmission

Valvoline DT Transmission Oil 30 is produced of high quality paraffin base oils and selected additives formulated to meet fluid specifications for Caterpillar TO-4 and Allison C-4. This products has outstanding shear stability and provide excellent antiwear properties, oxidation stability, anticorrosion and antitrust protection, seal compatibility as well as good foaming resistance.

Valvoline DT Transmission Oil 30 is particularly formulated to meet rigorous Caterpillar TO-4 requirements for friction disc and brake extended life, reduced gear wear and flawless, more silent wet brakes operation. They provide longer life of the equipment in comparison with fluids meeting TO-2.

O.E.M. Approvals
ZF TE-ML 03C
ZF TE-ML 07F
Performance levels
API CF / CF-2 / MT-1
Caterpillar TO-4
Allison C-4
Komatsu (KES 07 868.1)

Applications

Suitable for transmission system, rear drive and wet breaks for heavy duty Caterpillar cargo vehicles and equipment or any other equipment for which lubricant with performance level TO-4, API CD/TO-2 is recommended (it is not recommended for engine lubrication).

Suitable for hydraulic system on Caterpillar and Allison equipment for heavy duty operating conditions.

It is applied for KOMATSU (KES 07 868.1) construction equipment as lubricants used on transmission systems, rear drive and other driving assembly blocks.

It is suitable as replacemet for KDC transmission fluid for heavy duty operating conditions for Komatsu Dresser transmission system of power transmission and steering drive.

Recommendation for equipment ZF TE-ML 03C for transmission system and steering drive.

Suitable for system with engine torque booster. Suitable for non-synchronous manual transmissions .

Features & Benefits

Wear protection

Excellent antiwear protection ensures a long lifetime of the gears. Low friction coefficient ensures that wet brakes and clutch operate quietly and without vibrations.

Thermal and oxidation stability

High thermal and oxidation stability prevents the formation of deposits and sludge.

Compatibility with sealing elements.

The product is compatible with sealing elements.

Rust and corrosion protection

The product also protects the hydraulic system against rust and corrosion when working in a moist environment.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

For all latest OEM specifications and approvals visit: www.pisheets.valvoline.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline DT Transmission Oil 30	
Viscosity, mm ² /s @ 100°C ASTM D-445	11,5
Viscosity, mm ² /s @ 40°C ASTM D-445	100
Viscosity Index ASTM D-2270	95
TBN, mg KOH/g ASTM D-2896	7,2
Pour Point, °C ASTM D-97	-27
Specific Gravity @ 15.6°C ASTM D-1298	0,90
Flash Point, COC, °C ASTM D-92	220

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
Affiliate of Valvoline
Mike Stojanovića 15, 37000 Kruševac, Serbia
Registration nr: 21368997 / TIN: 110618744

™ Trademark of Valvoline, registered in various countries

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises East doo Kruševac and its affiliates assume legal responsibility.

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <https://sds.valvoline.com>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – EEE/25a