

Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Valvoline™ DT Transmission Oil

217/03

Valvoline DT Transmission Oil is a heavy duty powershift transmission and drive train lubricant designed and recommended for applications requiring oils meeting the Caterpillar TO-4 specification or the Allison C-4 specification.

DT Transmission Oil is formulated from premium base stocks and a select additive system to meet the challenging demands of modern equipment.

DT Transmission Oil is designed for transmissions and drive trains only and should not be used as an engine oil. The SAE 10W and SAE 30 grades are approved as Allison C-4 fluids.

Suitable for Caterpillar roadbuilding equipment with wet brakes.

Approvals/performance levels	SAE Viscosity Grades		
Caterpillar TO-4	10W	30	50
Allison C-4	10W	30	
ZF TE-ML 03A, 03C		30	
ZF TE-ML 03B, 03C	10W		
Eaton Fuller		30	50
Komatsu Micro Clutch	10W	30	

Typical Properties	10W	30	50
Viscosity, mm ² /s @ 100 °C	5.7	11.0	18.5
Viscosity, mm ² /s @ 40 °C	30	92	205
Viscosity Index	133	101	99
Sulphated Ash, wt. %	1.56	1.56	1.56
TBN; mg KOH/g (ASTM D-664)	11.5	11.5	11.5
Pour Point, °C	-39	-30	-15
Specific Gravity @ 15/15°C	0.855	0.894	0.903
Flash Point, COC, °C	224	248	260

This information only applies to products manufactured in the following location(s): Europe

Effective Date:	Replaces:	Author's Initials:	Code
30-8-2010	217/02	AdG	OB

*Trademark owned by a third party ™ Trademark of Ashland or its subsidiaries, registered in various countries © 2010, Ashland

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.

ASHLAND