

# Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

## Valvoline Turbo motor oil

006/06

**Valvoline Turbo motor oil** is uniquely engineered to meet the demands of both (turbo) diesel and gasoline engines. The unique formulation helps resist oxidation and prevent sludge formations on turbocharger bearings. It also aids in prevention of varnish deposits which can cause ring sticking in turbocharged engines. Valvoline Turbo motor oil also provides optimum protection for non-turbocharged gasoline, diesel and LPG engines. Valvoline Turbo SAE 15W-40 is approved by Mercedes-Benz and Volkswagen. Turbo motor oil prevents black sludge.

### The Valvoline Turbo motor oil advantages

**Wear protection:** Strong oil film protects the engine against wear and corrosion.  
**Engine cleanliness:** Keeps the engine clean and in good condition.  
**Break Down resistance:** Thermal and Oxidation stable oil film.  
**OEM approved motor oil:** Recommended and approved by major engines manufacturers.

Approvals/performance levels	Viscosity Grade			
API SL/CF	10W-40	15W-40	15W-50	20W-50
ACEA A3/B3-04	10W-40	15W-40	15W-50	20W-50
Volkswagen 505.00	10W-40	15W-40	15W50	20W-50
Mercedes Benz 229.1	10W-40	15W-40		20W-50

Typical Properties	10W40	15W40	15W50	20W50
Viscosity, mm <sup>2</sup> /s @ 100 °C	14.2	14.2	17.5	18.0
Viscosity, mm <sup>2</sup> /s @ 40 °C	100	107	137	160
Viscosity Index	150	135	143	124
Viscosity, mPa.s -25°C	<7000			
Viscosity, mPa.s -20°C		<7000	<7000	
Viscosity, mPa.s -15°C				<9500
Sulphated Ash, wt. %	1.20	1.20	1.20	1.20
TAN; mg KOH/g (ASTM D-664)	1.6	2.2	2.2	2.2
TBN; mg KOH/g (ASTM D-2896)	8.9	9.0	9.0	9.0
Pour Point, °C	-33	-33	-33	-27
Specific Gravity @ 15/15°C	0.875	0.883	0.885	0.891
Flash Point, COC, °C	220	220	222	227

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

Effective Date: 01-12-2005      Replaces: 006/05      Author's Initials: AdG      Code

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