Lubricants – Transmission Oils – Automotive

Version: **248/01**

Valvoline™ Heavy Duty Axle Oil 85W-140

Axle oil for trucks, buses and 4WD.
EP axle oil suitable for gearboxes and transaxles where the manufacturer specifies GL-5 lubricant.

Valvoline Heavy Duty Axle Oil 85W-140 provides increased protection and lubrication of the differential and the transaxle over a wide temperature range.

Performance levels
API: GL-5
ZF TE-ML 07A, 08

Applications

Suitable for differentials and transaxles of 4WD, vans, trucks and buses where the manufacturer recommends GL-5 transmission oil with a viscosity of SAE 85W-140.

The viscosity SAE 85W-140 is also used in agricultural and earthmoving equipment.

Not for limited slip applications.

Features & Benefits

Increased protection
Increased protection against wear and tear, also under high stress working conditions.

Advanced additives
Modern additives protect against corrosion, oxidation, foaming and deposits.

Breakdown resistance
Quality base oils and a highly balanced additive system avoid breakdowns even after long-time use.

Consistent, stable viscosity
Increased viscosity-temperature properties even at very low temperatures. Highly stable viscosity with long-term multigrade advantages. Robust oil film.

Limited Slip properties
Not recommended for limited slip axles.

VALVOLINE EUROPE
WIELDRECHTSEWEG 39
3316 BG DORDRECHT
NETHERLANDS

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**

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 Heavy Duty Axle Oil	
SAE Viscosity Grade	85W-140
Viscosity, mm^2/s @ 100 ºC. ASTM D-445	26,6
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	352
Viscosity Index ASTM D-2270	100
Viscosity, mPa.s –12°C. ASTM D-5293	<150.000
Pour Point, ºC ASTM D-5950	-24
Specific Gravity @ 15.6°C. ASTM D-4052	0,900
Flash Point, COC, ºC. ASTM D-92	> 220

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

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 **http://msds.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 –

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