

PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Valvoline™ Light & Heavy Duty Axle Oil 80W-90

Axle oil for passenger cars, trucks and buses.

EP axle oil suitable for differentials and transaxles where the manufacturer specifies GL-5 oil.

Performance levels

API GL-5

ZF TE-ML 07A, 08

Applications

Valvoline Light & Heavy Duty Axle Oil 80W-90 provides increased protection and lubrication of the differential and the transaxle over a wide temperature range.

Suitable for differentials and transaxles of passenger cars, trucks and buses where the manufacturer recommends GL-5 transmission oil with a viscosity of SAE 80W-90.

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.

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline Global Operations 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 <https://www.valvolineglobal.com/en-eur/> or <http://pisheets.valvolineglobal.com>

Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <http://sds.valvolineglobal.com>

Typical properties

Valvoline Light & Heavy Duty Axle Oil	
SAE Viscosity Grade	80W-90
Viscosity @ 100°C, mm²/s ASTM D445	14.7
Viscosity @ 40°C, mm²/s ASTM D445	133
Viscosity Index ASTM D2270	111
Viscosity @ -26°C, mPa.s ASTM D5293	< 150 000
Pour Point, °C ASTM D5950	-39
Density @ 15°C, g/cm³ ASTM D1298	0.880
Flash Point, COC, °C ASTM D92	216

*The data provided is for reference only and can be applied only for the specific production location.

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

Effective date: 3/30/2026