

# PRODUCT INFORMATION



## VALVOLINE™ HIGH PERFORMANCE SAE 80W-90 GEAR OIL

Valvoline High Performance (HP) SAE 80W-90 Gear Oil is a superior sulfur-phosphorus, extreme pressure gear lubricant formulated with premium quality base stocks to meet the demands for excellent performance. HP Gear Oil is designed to provide excellent load carrying capacity, extreme pressure properties, anti-foam performance, demulsibility, corrosion protection, and thermal stability protection capability. These products are recommended for conventional rear axles, and transmissions requiring EP gear lubes under high speed, high load, high torque, and high horsepower conditions.

Valvoline High Performance SAE 80W-90 Gear Oil meets or exceeds API Services GL-5 and GL-4\*. It does not have limited slip additive for applications calling for limited slip gear oils (Ford M2C118A, Chrysler MS-5630, or GM1052358).

### The Valvoline High Performance SAE 80W-90 Gear Oil Advantages:

- **Thermal Protection:** Provides outstanding thermal stability for cleanliness and longer service life.
- **Wear Protection:** Has superior anti-wear additives to protect gear teeth against pitting, spalling, and scouring.
- **Reduces Chattering:** Contains special additives to reduce chattering and minimize shock load wear in differentials
- **Corrosion Protection:** Protects parts from rust and corrosion.

#### Approvals and Licenses:

#### SAE 80W-90

API GL-4*	X
API GL-5	X

#### Typical Properties:

#### SAE 80W-90

KV100 (cSt)	14.7
KV40 (cSt)	145
Viscosity Index	100
Density (lbs/gal)	7.39
Brookfield Viscosity, cP	108,000(-26C)
Pour Point (°C)	-30

\*In synchronized manual transmission applications use:

- Valvoline Professional Series Manual Transmission Fluid or
- Valvoline Synchromesh Manual Transmission Fluid (available September 2012)

Effective Date:  
1/11/21

Author:  
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