

# PRODUCT INFORMATION



## VALVOLINE™ ADVANCED FULL SYNTHETIC SAE 75W-90 GEAR OIL WITH LIMITED SLIP

Valvoline Advanced Full Synthetic SAE 75W-90 Gear Oil is a superior sulfur-phosphorus extreme pressure gear lubricant formulated with synthetic basestocks and additives to provide excellent performance. It is designed to provide excellent extreme pressure protection, load carrying capacity, anti-foam performance, corrosion protection, and thermal stability protection. It is recommended for conventional and high-performance applications.

**Advanced Full Synthetic SAE 75W-90 Gear Oil** is recommended for use in axle applications requiring factory-fill or drain-and-fill levels of limited slip performance. **Advanced Full Synthetic SAE 75W-90** is suitable for use where **GMW 16445**, Dexron 75W-90 gear oil, is specified. The addition of a supplemental friction modifier (Ford M2C-118-A, Chrysler MS-5630, or GM 1052358) **is not** required.

### Valvoline Advanced Full Synthetic SAE 75W-90 Gear Oil Advantages:

- **Thermal Protection:** Provides outstanding thermal stability for cleanliness and longer service life.
- **Corrosion Protection:** Protects parts from rust and corrosion.
- **Reduces Chattering:** Contains special additives to reduce chattering in limited-slip differentials.
- **Wear Protection:** Contains additives to assist in protecting gear teeth.
- **Flow Properties:** Provides excellent low temperature protection.

| Recommended for the following applications: | SAE 75W-90 |
|---|------------|
| API MT-1                                    | X          |
| API GL-5                                    | X          |
| API GL-4*                                   | X          |
| MIL-PRF-2105E                               | Approved   |
| SAE J2360                                   | Approved   |
| Mack GO-J                                   | X          |
| Meritor O-94 Rev Level A                    | Approved   |

| Typical Properties: | SAE 75W-90 |
|---------------------|------------|
| KV100 (cSt)         | 15.6       |
| KV40 (cSt)          | 92.5       |
| Viscosity Index     | 180        |
| Density (lbs/gal)   | 7.22       |
| Pour Point (°C)     | -48        |

\*In synchronized manual transmission applications use:

- Valvoline Professional Series Manual Transmission Fluid or
- Valvoline Synchronesh Manual Transmission Fluid

Effective Date:  
10/30/25

Author:  
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