

VALVOLINE™ SYNPOWER™ FULL SYNTHETIC GEAR OIL W/ LIMITED SLIP

Valvoline SynPower 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.

Valvoline SynPower Gear Oil is recommended for use in axle applications requiring factory-fill or drain-and-fill levels of limited slip performance. Valvoline SynPower 75W-90 is suitable for use where **GMW 16445**, Dexron 75W-90 gear oil, is specified. Valvoline SynPower 75W-140 is recommended for use where Ford **M2C-192A**, **GM 12346140**, **Chrysler MS-8985**, or **GL-5** SAE 75W-140 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 SynPower 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.

Approvals/Performance Levels		Viscosity Grade/Other	
API MT-1	75W-90		
API GL-5	75W-90		75W-140
API GL-4*	75W-90		75W-140
MIL-PRF-2105E	75W-90		
SAE J2360	75W-90		
Mack GO-J	75W-90		

Test	75W-90	75W-140
Vis @ 100 °C (cSt)	15.6	25.8
Vis @ 40 °C (cSt)	100	171
Viscosity Index	150	183
Spec Gravity @ 60 °F	0.865	0.861
Density (lbs/gal)	7.22	7.18
Flash COC (°C)	231	173
Pour Point (°C)	-48	-48
Phosphorus, wt.%	0.16	0.21
Sulfur, wt.%	1.8	2.3
Boron, wt.%	0.05	0.03

*In synchronized manual transmission applications use:

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

Effective Date:
02-13-13

Replaces:
05-21-12

Author's Initials:
KD