



CONVENTIONAL GEAR OILS

INDUSTRIAL LUBRICANTS AND GEAR OILS

OEMs continue to evolve driveline designs and operating conditions are becoming more severe. Today's gear lubricants require excellent load-carrying capability where extreme pressures and shock loading are expected. One brand has evolved right alongside today's equipment – Volotec. Only the most advanced driveline gear oils meet the difficult challenges of effectively balancing performance, strength and durability.

OUTSTANDING PROTECTION

Volotec Driveline Gear Oils are engineered for use in drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected. Our Full Synthetic Gear Oils are designed to provide demanding extended drain performance. These gear oils deliver excellent performance:

- Protect against thermal degradation.
- Reduce oxidation.
- Reduce wear and corrosion.
- Provide improved shear stability.

These gear oils can be used for on-highway passenger cars, SUVs, light- and heavy-duty trucks, buses, and vans. Other applications include off-highway industries, such as construction, mining, quarrying and agriculture. Plus, we have a Marine Gear Oil.

Important: these oils are not recommended for applications requiring API GL-4 level performance. They are not intended for automatic, manual or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended.

Please refer to the owner's handbook or our Lube Advisor for the OEM application requirements for your vehicle or equipment.

POWERFUL ANTI-FRICTION, ANTI-WEAR CHEMISTRY

Volotec provides outstanding control of friction and wear. Advanced molecules bond together to create a wear-resistant shield that works to build barriers that reduce friction and wear.

WITHSTANDS THE MOST EXTREME CONDITIONS

Volotec Gear Oils provide unsurpassed protection even in the harshest conditions of hot and cold climates, pressure, power density, micropitting or oxidation, shrinking sump sizes or separation of air and water.

Volotec Driveline Gear Oils are specially engineered and formulated to provide:

PERFORMANCE

Excellent protection for load, shear and shock.

STRENGTH

Outstanding wear and corrosion protection.

DURABILITY

Thermal stability and long life for gear, bearings and seals.

TYPICAL PROPERTIES

Viscosity Grade		80W-90	85W-140
Brookfield Viscosity at -26°C, cP	ASTM D2983	92,000	-
Color	ASTM D1500	7	8
Flash Point °C	ASTM D92	224	235
Flash Point °F	ASTM D92	435	455
Gravity, °API	ASTM D287	27.76	25.69
Pour Point °C (°F)	ASTM D5950	-33°C (-27°F)	-18°C (0°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8885	0.9002
Viscosity @ 100°C cSt	ASTM D445	13.98	26.39
Viscosity @ 40°C cSt	ASTM D445	130.9	347.7
Viscosity Index	ASTM D2270	104	100
Brookfield Viscosity at -12°C, cP	ASTM D2983	-	55,000

INDUSTRY/OEM APPROVALS

Title	80W-90	85W-140
API GL-5	Meets Requirements	Meets Requirements
Limited Slip Top Off/Service Fill	Suitable for Use	Suitable for Use
Mack GO-J, GO-H, GO-G	Meets Requirements	Meets Requirements
MT-1	Meets Requirements	Meets Requirements
SAE J2360, MIL-2105E/F	Meets Requirements	Meets Requirements

Information accurate as of September 9, 2024