

Custom Plus™ Synthetic Gear Oil

TECHNICAL PRODUCT INFORMATION



Custom Plus Synthetic Gear Oil

Custom Plus Lubricants High Performance Full Synthetic Gear Oils are Heavy Duty, Severe Service, Thermally Stable, Extreme Pressure gear lubricants designed to operate in both high and low extreme temperature conditions for all season use, even in sub-zero conditions.

Custom Plus Lubricants full synthetic gear oils provide improved fuel economy, extended drain capabilities and are fortified with additives to prevent rust, oxidation and corrosion.

FEATURES/ BENEFITS

- Fortified with additives to prevent rust and oxidation, which reduces wear and extends component life.
- Improved frictional properties lead to better fuel economy and reduced operating costs.
- All Season use even at sub zero temperatures allows ease of start in arctic conditions.
- Foam Resistance maintains film strength for reliable lubrication.
- Excellent Shear Stability results in viscosity retention and film strength under severe operating conditions
- Exceptional Thermal Stability extends gear and bearing life.
- Excellent Limited Slip Performance reduces chatter and improves traction.

APPLICATIONS

Custom Plus Lubricants High Performance Full Synthetic Gear Oils are recommended for all Differentials, Manual Transmissions, Spiral Bevel and Hypoid Gears, Axles and Drive Units. Use wherever an API GL-5 and MT-1 are recommended.

RECOMMENDATIONS/SPECIFICATIONS

Suitable for use where the following specifications are recommended:

- Mack Truck GO-J (80W-140)/GO-J Plus (75W-90) • Eaton Roadranger E500 • General Electric D50E9C
- Harnishfeger (P&H) 474 • U.S. Military Spec. MIL-PRF-2105D & MIL-PRF-2105E
- Arvin Meritor O-76E (75W-90), O-76N • Dana SHAES 256 rev. C (SAE 50), Eaton PS-164 rev7 (SAE 50)
- International TMS-6816(SAE 50) • Scania STO 1:0 (SAE 50) • SAE J2360 • Mack TO-A Plus (SAE 50)
- Volvo I Shift (SAE 50) •ZF Freedomline (SAE 50)

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the care and handling used for petroleum products

TYPICAL CHARACTERISTICS

Custom Plus Synthetic Gear Oil					
Properties	Test Method ASTM D-	Typical Results			
SAE Viscosity Grade		50	75W-90	75W-140	80W-140
API Gravity	1298	32.6	7.42	33.1	23.6
Flash Point, COC °C /°F	92	428/220	215/420	202/396	201 (395)
Pour Point, °C /°F	97	-49/-45	-45/-49	-40/-40	-40/-40
Viscosity cSt @ 40°C cSt @ 100°C	445	135.0 17.5	100.0 14.0	190.0 25.6	265 28
Viscosity Index	2270	143	149	168	140
CCS Viscosity(mPa-s)	5298				

Typical test data are average values only.
 Minor variations which do not affect product performance are to be expected during normal manufacturing.

PRODUCT NUMBERS

CUS 98001	CUSTOM SYN 50	35#
CUS 98002	CUSTOM SYN 50	110#
CUS 98003	CUSTOM SYN 50	400#
CUS 98004	CUSTOM SYN 75W90	35#
CUS 98005	CUSTOM SYN 75W90	110#
CUS 98006	CUSTOM SYN 75W90	400#
CUS 98007	CUSTOM SYN 75W140	35#
CUS 98008	CUSTOM SYN 75W140	400#
CUS 98009	CUSTOM SYN 80W140	35#
CUS 98010	CUSTOM SYN 80W140	110#
CUS 98011	CUSTOM SYN 80W140	400#