

Gear Lube



Product Description

OTR™ Gear Lube is designed to support the performance requirements for the lubrication needs of gear trains and differentials requiring the use of an extreme pressure lubricant, including limited-slip type configurations. This product is formulated with quality base oils and carefully selected additives resulting in a product which will provide excellent anti-wear protection under heavy loads while also guarding against rust and corrosion even when the system is idle. Special inhibitors are also present which limit oil oxidation and deposit formation even at high operating temperatures.

OTR™ Gear Lube is available in two multi-grades and one monograde to provide optimum protection. The multi-grades are formulated without the use of viscosity modifier additives to ensure maximum in-service viscosity retention and minimized gear wear.

Product Features and Benefits

Unique balance of extreme pressure additives extends equipment life through minimized gear wear.

Limits wear during equipment start-up and acceleration, as well as during extreme loading conditions, by minimizing metal-to-metal contact, providing exceptional heavy load protection during low speed/high-torque service.

Specially formulated to control oxidation and corrosion of all types of metal surfaces.

Quality base oils and antioxidant additive produce a lubricant with excellent resistance to high temperature degradation for longer lubricant life.

Incorporated chemistry maintains film strength by eliminating viscosity loss.

Typical Applications

Supports the performance requirements of:

Gear Oil applications requiring an API GL-5, API MT-1 or SAE J2360 (formerly MIL-PRF-2105E) including: Most automobile manual transmissions and differentials, including limited-slip off-highway mobile equipment and industrial machinery requiring an EP gear lubricant.

Dana (Spicer) differentials
Eaton (Fuller) differentials
Mack GO-J

Meritor (Rockwell) differentials
Ross and Saginaw steering systems
Wheel bearings

Typical Properties

SAE Viscosity Grade	Test Method	80W-90	85W-140
AGMA Lubricant Number		4EP	7EP
API Service Classification		GL-5	GL-5
Viscosity @ 100°C, cSt	ASTM D445	14.1	28.3
@ 40°C, cSt	ASTM D445	140.3	415
Viscosity Index	ASTM D2270	95	95
Pour Point, °F (°C)	ASTM D97	-35 (-37)	14 (-10)
Flash Point, °F (°C)	ASTM D92	430 (221)	460 (238)
API Gravity	ASTM D4052	27.2	25.5
FZG Test, Pass Stage	ASTM D5182	12	12
Copper Strip Corrosion	ASTM D130	1b	1b
Timken OK Load, lbs	ASTM D2509	50	50

OTR™ Part Number:

Drum – 55 Gal

Pail (Plastic) – 5 Gal

Case – 12/1 Qt

PTGL-80W90-55G

PTGL-80W90-5G

PTGL-80W90-QT

PTGL-85W140-55G

PTGL-85W140-5G

PTGL-85W140-QT