

#LU200 – SAE 80
 #LU201 – SAE 80W90
 #LU202 – SAE 90
 #LU203 – SAE 85W140
 #LU204 – SAE 140

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Ultragear EP Gear Oils

Tech Bulletin

Application

Ultragear EP Gear Oils are premium multi-purpose gear lubricants designed for excellent performance where extreme pressure properties are needed to protect hypoid, stressed spiral-bevel and other types of gears from scuffing and wear.

They are made from highly-refined paraffinic base stocks compounded with extreme pressure, anti-wear, limited slip, corrosion inhibitor, rust preventative, pour point depressant and foam suppressant additives.

Ultragear EP Gear Oils are "next generation" gear oils that will meet new manufacturer performance requirements for thermal stability, component cleanliness oil, seal compatibility and gear spalling resistance. In addition, they provide improved copper corrosion resistance and improved gear scoring resistance.

Performance Features

- Where API MT-1, GL-5, GL-4, GL-3 gear oils are recommended
- Where Mil-PRF-2105E is specified
- Where extreme pressure (EP) performance is required
- Where Mack GO-J gear oils are required
- In all heavy-duty truck rear axles
- In all domestic automobile rear axles and manual transmissions
- Limited Slip Performance - Both Service Fill and Top-Off

Typical Characteristics

Product Code	LU200 SAE80	LU201 SAE80W90	LU202 SAE90	LU203 SAE 85W140	LU204 SAE 140
Viscosity, SUS at 0°F (est.)	110,000	110,000	110,000	800,000	800,000
Viscosity, SUS at 100°F	751	751	751	1876	1876
Viscosity, cSt at 40°C	162.1	162.1	162.1	405.1	405.1
Viscosity, cSt at 100°C	16.1	16.1	16.1	29.3	29.3
Brookfield Viscosity, cP (°C)	120,000 (-26)	120,000 (-26)	120,000 (-26)	70,000 (-12)	70,000 (-12)
Viscosity Index	103	103	103	101	101
Pour Point, °C	-27	-27	-27	-12	-12
Channel Point, °C Non-Channeling at:	-35	-35	-35	-20	-20
L-33 (7-Day Moisture Corrosion)	Pass	Pass	Pass	Pass	Pass
Cover Plate, % Rust	<1% Corrosion	<1% Corrosion	<1% Corrosion	<1% Corrosion	<1% Corrosion
L-37 (High Torque)	Pass	Pass	Pass	Pass	Pass
L-42 (High Speed)	Pass	Pass	Pass	Pass	Pass
L-60 (thermal Stability)	Pass	Pass	Pass	Pass	Pass
ASTM D-982 Foam Test	Pass	Pass	Pass	Pass	Pass
ASTM D-130 Copper Corrosion	Pass, 1b	Pass, 1b	Pass, 1b	Pass, 1b	Pass, 1b
FTM 3440 (Stability/Compatibility)	Pass	Pass	Pass	Pass	Pass

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