



PRODUCT DATA SHEET



RAYLENE® GL-5 HYPOID GEAR OIL

Raylene GL-5 Hypoid Gear Oil, commonly known as Raylene Gear Oil, is a gear oil that provides superior high temperature stability, outstanding Extreme Pressure properties, and excellent rust and corrosion protection. It is formulated for use in many industrial gear applications, differentials and final drives of mining, construction, and quarry mobile equipment requiring an API GL-5 or Mil-L-2105D gear oil. **Raylene GL-5 Hypoid Gear Oil's** anti-rust, anti-wear and Extreme Pressure properties make it an exceptional lubricant for many applications.

Applications

- ◆ Make-up and refill in spiral, bevel, hypoid rear axle service, heavy-duty industrial transmissions and gear trains
- ◆ Manual transmissions, final drives, transfer cases and differentials
- ◆ Gear reducers in mineral processing and other industrial plants

Features and Benefits

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| ◆ API GL-5 and Mil-L-2105D compliant | Meets all of the requirements of the API GL-5 and Mil-L-2105D standards for rust and corrosion control, oxidation stability, anti-wear and Extreme Pressure protection for maximum lubricant and component service life. |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Tacky | Has good adhesion. |

General Description

Raylene GL-5 Hypoid Gear Oil is a mineral oil-based lubricant that utilizes the chemical additive system required to achieve an API GL-5 service rating and Mil-L-2105D performance requirements. **Raylene GL-5 Hypoid Gear Oil** is available in two viscosity grades, SAE 80W-90 and SAE 85W-140.

Product No. 71730, 71740

RAYLENE® GL-5 HYPOID GEAR OIL

TYPICAL PROPERTIES

<u>Product No.</u>	<u>71730</u>	<u>71740</u>
SAE Gear Oil Grade	80W-90	85W-140
Viscosity, ASTM D445		
@ 40°C, cSt	155	389
@ 100°C, cSt	15.0	28.5
Viscosity Index, ASTM D2270	100	100
Base Fluid Type	Mineral oil	Mineral oil
Pour Point, ASTM D97		
°C (°F)	-27 (-17)	-15 (5)
Copper Strip Corrosion, ASTM D130		
3 hrs @ 100°C, rating	1b	1b
Rust Test, ASTM D665, Procedure A & B	Pass	Pass
4-Ball Weld Test, ASTM D2783		
Weld Load, kg	315	400
4-Ball Wear Test, ASTM D4172		
@ 1200 rpm, 40 kg, 1 hr, 75°C		
Scar Diameter, mm	0.30	0.30
Timken EP Test, ASTM D2782		
OK Load, kg (lb)	27.22 (60)	27.22 (60)
FZG Visual Test, ASTM D5182		
Failure Load Stage	>12	>12
Specific Gravity, ASTM D1298, 60/60°F	0.895	0.907
Color	Red	Red