MOLEC®
LUBRICANTS

FULL SYNTHETIC GL-5 GEAR OIL

MOLEC® FULL SYNTHETIC GL-5 GEAR OILS are premium multi-grade lubricants that are formulated with synthetic base oils and a superior quality additive package to provide extreme pressure protection under high load operation. The exceptionally low Brookfield viscosity and pour point provides excellent lubrication during startup at extreme low temperatures, while the superior viscosity index provides excellent lubrication at high temperatures. These characteristics translate to low frictional losses in lubricant film and minimum churning losses leading to reduced operating temperatures when compared to conventional gear oils.

TECHNICAL DATA:

SPECIFICATIONS	ASTM	SAE 75W-90	SAE 75W-140
Product Number		50190	50192
Viscosity @ 100°C, cSt	D445	16.87	26.0
Viscosity @ 40°C, cSt	D445	81.55	175
Viscosity Index	D2270	223	183
Specific Gravity @ 60°F	D4052	0.8548	0.848
Pour Point, °C	D5950	-45	-45
Flash Point, °C	D92	195	224
Colour ASTM	D1500	L1.5	
Brookfield Viscosity, Cp	D2983	30,000 @ -40'C	100,000 @ -40'C
Copper Corrosion	D130	1B	1B

BENEFICIAL QUALITIES:

- Excellent fluidity at low temperatures assure faster lubrication of components
- Excellent seal compatibility
- Extended drain capabilities with exceptional axle wear protection under the high temperature conditions demanded by passenger car OEM's for towing and off-road applications
- Made with premium synthetic base oils that naturally give high viscosity index and low pour point, providing extremely broad operating temperature ranges when compared with conventional gear lubricants.
- Outstanding anti-foam protection

APPLICATIONS:

MOLEC® FULL SYNTHETIC GL-5 GEAR OILS are recommended for domestic and imported automotive and heavy-duty commercial vehicle rear axles and differential lubricants in over-the-road and off-road vehicles when operating under severe service conditions and extremely cold or hot environments.

Industry & OEM Applications

• API GL-5 & MT-1 • SAE J2360 • Mack GO-J • MAN 342 M-1, M-2 • SCANIA STO 1.0 • NATO O-226 • ZF TE ML-07A & ML-08 • Service Fill Limited Slip

AVAILABLE PACKAGING:

SAE 75W-90: 946ml Quarts • 18.9L Pails • 208L Drums • 1040L Totes
SAE 75W-140: 18.9L Pails

PRODUCT CODES:

• 50190 (SAE 75W90) • 50192 (SAE 75W-140)

WHEN QUALITY MATTERS®

MOLEC Lubricants takes no responsibility for product misuse or misapplication. Always follow OEM recommendations for fluid viscosity and API Service category.

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