



ROYAL PURPLE® MAX GEAR®

HIGH PERFORMANCE GEAR OIL

Royal Purple® Max Gear® is recommended for use in automotive front and rear differentials, manual transmissions and transfer cases that specify use of an API GL-5 or GL-4 fluid. It is noncorrosive to soft yellow metals (brass, bronze, copper), and is synchronizer safe. Max-Gear also works great in marine gear applications. Not for use in gear boxes, transmissions and lower units with wet clutches.

Max Gear is an ultra-tough, high performance gear oil designed to provide maximum protection to heavily loaded gears while maximizing power throughout the drivetrain. Max Gear outperforms ordinary gear oils by combining the highest quality synthetic oils with Royal Purple’s proprietary Synerlec® additive technology. Max Gear makes gears run smoother, quieter, cooler and longer without overhauls.

Performance Advantages

- Maximizes horsepower
- Extends gear and bearing life
- Reduces operating temperature
- Lower coefficient of friction
- Superior corrosion protection
- Separates rapidly from water
- For use with open, limited-slip and locking differential
- Contains limited-slip friction modifier

		SAE GRADE			
Typical Properties*	Method	75W-90	80W-90	75W-140	85W-140
Viscosity	D445				
cSt @ 40°C		100	160	187	313
cSt @ 100°C		16.5	17.4	27.5	28.5
Brookfield Viscosity	D2983				
cP @ -12°C		—	—	—	22,00
cP @ -26°C		—	57,000	—	—
cP @ -40°C		65,000	—	135,00	—
Flash Point °C (°F)	D92	163 (325)	177 (350)	191 (375)	177 (350)
Pour Point °C (°F)	D97	-51 (-60)	-39 (-38)	-54 (-65)	-39 (-38)

*Properties are typical and may vary.