

MAX GEAR®

Max Gear is recommended for use in truck and automotive front or rear differentials, manual transmissions and lower gear units of marine engines that specify use of an API GL-5 or GL-4 fluid.

Max Gear is an ultra-tough, high performance automotive gear oil designed to provide maximum protection to heavily loaded gears while maximizing power throughout the drive train. 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. Max Gear is formulated with a friction modifier additive – no additional additives are necessary.

TYPICAL PROPERTIES*					
	SAE GRADE				
	75W-90	75W-140	80W-90	85W-140	90
Viscosity					
cSt @ 40°C	119.0	195	150.0	284	191.0
cSt @ 100°C	17.5	28.8	16.7	26.8	18.5
CP @ -12°C	—	—	—	36,200	—
CP @ -26°C	—	—	10,110	—	—
CP @ -40°C	124,000	138,000	—	—	—
Flash °F	380	375	395	375	390
Fire °F	425	420	495	435	475
Pour Point °F	-65	-69	-33	-17	-33
Corrosion Test					
Copper	Pass	Pass	Pass	Pass	Pass
Bronze	Pass	Pass	Pass	Pass	Pass
Rust Test					
Fresh Water	Pass	Pass	Pass	Pass	Pass
Salt Water	Pass	Pass	Pass	Pass	Pass
Foam Test	Pass	Pass	Pass	Pass	Pass
Timken OK Load, Lbs.	Pass	Pass	Pass	Pass	Pass
Four Ball EP Test	100+	100+	100+	100+	100+
Weld Load, kgf	400	400	400	400	400

*Properties are typical and may vary.

PERFORMANCE ADVANTAGES

- Maximizes horsepower
- Extends gear and bearing life
- Reduces operating temperature
- Severe service performance
- Lower coefficient of friction
- Superior corrosion protection
- Separates rapidly from water
- Meets warranty requirements
- Environmentally responsible
- Formulated for limited-slip differential use



PART NUMBERS

75W-90	
15-Gal. Keg	16300
5-Gal. Pail	05300
12-Qt. Case	12300
1-Qt. Bottle*	01300
75W-140	
15-Gal. Keg	16301
5-Gal. Pail	05301
12-Qt. Case	12301
1-Qt. Bottle*	01301
80W-90	
5-Gal. Pail	05302
85W-140	
15-Gal. Keg	16303
5-Gal. Pail	05303
12-Qt. Case	12303
1-Qt. Bottle*	01303
SAE 90	
5-Gal. Pail	05304

*AVAILABLE IN CASES ONLY

TECH TIP

All viscosities of Max Gear are formulated with hypoid friction modifiers necessary for use in clutch or cone type differentials. No additional additives are necessary.

Standard Packaging:
1-Quart Bottles
5-Gallon Pails