



Premium Gear Oils (MP)

DESCRIPTION: **Powers-All Premium Gear Oil (MP)** are premium multipurpose automotive type gear lubricants designed to provide excellent performance where extreme pressure properties are needed to protect hypoid gear sets and other types of gears from scuffing and wear. The carefully selected additive chemistry is engineered to reduce oxidative sludge and varnish deposits on vital parts and help reduce gear wear. **Powers-All Premium Gear Oil (MP)** is designed for service fill in passenger cars, trucks, farm, construction and other heavy-duty equipment operating under severe conditions requiring **API GL-5** type gear lubricant.

QUALITIES: **Powers-All Premium Gear Oil (MP)** meets many new manufacturer performance requirements for component cleanliness, seal compatibility and gear spalling resistance.

Powers-All Premium Gear Oils (MP) meets or exceeds the requirements of:

- API Service Classification: GL-5 and MT-1; SAE J2360
- Where MIL-PRF-2105E and MIL-L-2105D are required
- In most domestic automobile rear axles and manual transmissions
- In certain heavy-duty truck rear axles requiring Mack GO-J performance

TYPICAL PROPERTIES:

Powers-All Premium Gear Oils (MP)

SAE Grade	Test Method	80W-90	85W-140
Material Code		PA332105	PA332106
API Service		GL-5 / MT-1	GL-5 / MT-1
Specific Gravity		0.865	0.877
Viscosity, cSt @ 40°C	ASTM D 445	160	380
Viscosity, cSt @ 100°C	ASTM D 445	15.5	26.5
Viscosity Index	ASTM D 2270	98	93
Brookfield Viscosity ,cP @ temp	ASTM D 2983	120,000@-26°C	65,000@-12°C
Pour Point, °F	ASTM D 97	-27°F	-5°F
Flash Point, COC, °F	ASTM D 92	430	470
Foam Test	ASTM D 892	Pass	Pass
Timken OK Load, lbs	ASTM D 2782	60	60

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements*