

TRANSMISSION MDL NA



Heavy duty thermally-stable API GL-5/MT-1 gear oil

APPLICATIONS

Types of service

- Hypoid, spiral-bevel, spur and helical gears
- All heavy duty truck rear axles
- Most manual steering gear boxes where GL-5 gear oil is specified.
- Some heavy duty manual transmissions with oil-lubricated wheel bearings
- Non-synchronized manual transmission where API MT-1 oils are recommended
- All rear axles of rear drive automobiles
- Most automotive manually shifted transmissions

PERFORMANCE

Specifications

- API GL-5
- API MT-1

CUSTOMER BENEFITS

High technical performance

- Thermally stable gear oil chemistry
- High EP additive level protects heavily loaded and stressed gear sets against wear, scuffing and scoring.
- Wide operating temperature range
- Oxidation, rust and corrosion inhibited
- Foam resistant

CHARACTERISTICS

TYPICAL PROPERTIES--TRANSMISSION MDL NA			
SAE Grade		80W-90	85W-140
Density at 60 °F			
Viscosity @ 40 °C, cSt	ASTM D-445	142	353
Viscosity @ 100 °C, cSt	ASTM D-445	14.3	26.8
Viscosity index	ASTM D-2270	98	101
Flash point, °F (°C)	ASTM D-93	425 (218)	435 (224)
Brookfield viscosity, cps	ASTM D-2983	84,000@-26 °C	57,000 @ -12 °C
Pour Point °F (°C)	ASTM D-97	-17 (-27)	0 (-20)
Canadian Channel point	-	Below -31 F	Below -4 F
Timken OK Load, lbs	ASTM D-2783	60	60
4-ball EP weld point, kg	ASTM D 2783	400	400

TOTAL Lubricants USA, Inc.

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