

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

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.