
DELTA-GEAR SAE 80W/90, 85W/140**API GL-5 MT-1**

High Performance quality heavy duty gear oil 80W/90 and 85W/140 are formulated to protect rear axles, differentials, gear boxes and steering gears requiring a hypoid or extreme pressure lubricant that withstands shock loading.

Description

Delta-Gear 80W/90 and 85W/140 GL-5 is a gear oil that provides a quality gear oil for workshops that require regular change out oil periods.

Delta-Gear 80W/90 and 85W/140 GL-5 provides an increased load carrying capacity delivering effective boundary film between bearings, meshing teeth whilst at standstill and start-up movement, and hydrodynamic film protection whilst driving.

Delta-Gear 80W/90 and 85W/140 GL-5 is an Extreme Pressure differential gear oil for spiral, bevel and straight cut gear sets used in automotive and heavy duty transport.

Delta-Gear 80W/90 and 85W/140 GL-5 provides component durability, cleanliness of gear sets and oil pumps, stay-in-grade viscosity due to high shear resistant polymers operating under severe on and off highway conditions.

Applications

Delta-Gear 80W/90 and 85W/140 GL-5 is for use in heavy duty manual transmissions, axles and final drives requiring API GL-5 and MT-1 level performance operating under conditions where high-speed/shock load, high speed/low torque and/or low speed/high torque conditions exist. Suitable for automotive, highway transport, marine, construction, mining, quarrying and agricultural equipment.

Benefits

- Stay-in-grade shear stability improving long term boundary and hydrodynamic viscosity protection
- Wear protection and cleanliness of all gear crown and pinion, and transmission drive train components
- Thermal and oxidation durability and stability
- Temperature protection of gear teeth, bearings and input shafts
- Lubrication and protection of seals that maintains elastomisation
- Rust and copper corrosion protection
- Prevention of foaming

Recommendation

Delta-Gear 80W/90 and 85W/140 GL-5 is not recommended for applications requiring GL-4 specified performance, automatic transmissions of automotive vehicles or construction equipment transmissions. It is recommended that the DuraTorque Powertrans series of oils are used.

TECHNICAL DATA SHEET



Specifications

API: GL-5, MT-1
SAE: J2360, J306

HEAVY DUTY:

MIL-L-PRF-2105E
ARVIN MERITOR AXLES
MACK: GO-J PLUS
MAN: 342 Type M2
MERCEDES BENZ: 235.8
ROCKWELL: 0-76A
SCANIA: STO-1:0
INTERNATIONAL: B-22
WHITE: MS-0016

AUTOMOTIVE:

CHRYSLER: MS-9020
FORD: M2C105-A, M2C119-A, M2C197-A
GM: HN 1181/1386

ZF SPECIFICATIONS:

TE-ML 05A
TE-ML 07A
TE-ML 08
TE-ML 12L/12N
TE-ML 16F
TE-ML 17B
TE-ML 19C
TE-ML 21A

TEST DESCRIPTION	ASTM	TEST RESULT	
Description	Visual	Clear/Amber	
SAE Viscosity Grade		80W/90	85W/140
Viscosity, cSt @ 40°C, mm ² /s	D-445	181.35	377.84
Viscosity, cSt @ 100°C, mm ² /s	D-445	17.21	27.4
Viscosity Index	D-2270	108	100
Density @ 15°C, kg/L	D-4052	0.887	0.894
Viscosity, Brookfield, cP @ -20°C	D-2196	29,628	156,387
Pour Point, °C	D-5950	-24	-17
Flash Point (COC), °C	D-92	212	231
PRODUCT CODE		90553	90554

90553-54v20 DG/GS 2/20

Typical formulation specifications at time of production, minor variations may occur.