
DELTA GEAR LS DIFFERENTIAL GEAR OIL

SAE 90 GL-5 MT-1

High Performance Limited Slip Gear Oil specifically developed as a friction modified lubricant for clutch-type, limited slip differentials to reduce stick-slip chatter in low speed high torque driving operations.

Description

DeltaGear LS Differential GL-5 is an advanced gear oil that provides low traction of co-efficient.

DeltaGear LS Differential GL-5 provides protection of clutch-type limited slip differentials in performance type vehicles, open differential gearing of many vehicles, locking differential for many off-road vehicles and active differentials (Torque-Vectoring Differential) found in performance rear wheel drive and all-wheel drive vehicles.

DeltaGear LS Differential GL-5 is a fortified Extreme Pressure differential gear oil for spiral, bevel and straight cut gear sets used in automotive and light duty transport.

DeltaGear LS Differential GL-5 provides component durability, cleanliness of crown and pinion gears and stay-in-grade viscosity due to high shear resistant polymers operating under high speed/low load and high load/high torque towing and/or driving conditions.

Applications

DeltaGear LS Differential GL-5 may be used in passenger cars and light commercial truck transmission; and differential applications in 4WD's, construction, buses, mining, automotive and heavy haulage.

Benefits

- Stay-in-grade shear stability improving film strength under severe operating conditions
- Wear protection and cleanliness of transmission drive train components
- Thermal and oxidation durability and stability
- High temperature protection of gear teeth, bearings and input shafts
- Lubrication and protection of seals that maintains elastomisation
- Prevention of foaming

Recommendation

DeltaGear LS Differential GL-5 is suitable for applications where extreme pressure loads and speeds are operational.

TECHNICAL DATA SHEET



Specifications

API: GL-5
SAE: J2306

AUTOMOTIVE:

CHRYSLER: MS-2224
BTR: 5M-42 (80)
FORD: M2C200-C
GM: HN 1820/1855/2276
MAN: 341
MB: 235.1/235.4/235.5
OPEL: 040 0063/040 1067
VW: G 009 317

ZF SPECIFICATIONS:

TE-ML 01
TE-ML 02
TE-ML 05A/C/D/F/G/H
TE-ML 07A
TE-ML 08
TE-ML 17
TE-ML 19
TE-ML 21A/21C/21D

TEST DESCRIPTION	ASTM	TEST RESULT
Description	Visual	Clear/Amber
SAE Viscosity Grade		90
Viscosity, cSt @ 40°C, mm ² /s	D-445	162.65
Viscosity, cSt @ 100°C, mm ² /s	D-445	17.95
Viscosity Index	D-2270	122
Density @ 15°C, kg/L	D-4052	0.886
Viscosity, Brookfield, cP @ -15°C	D-2196	11,102
Pour Point, °C	D-5950	-27
Flash Point (COC), °C	D-92	239
PRODUCT CODE		90557

90557v20 DG/GS 2/20

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