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

**Premium Performance, HYDRO-SYN™ 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**

DuraGear 80W/90 and 85W/140 GL-5 is an advanced gear oil that provides fuel economy improvements due to the use of HYDRO-SYN™ base oils that provide low traction of co-efficiency.

DuraGear 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.

Dura DuraGear 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.

DuraGear 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.

**Application**

DuraGear 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
- High thermal and oxidation durability and stability
- High temperature protection of gear teeth, bearings and input shafts
- Lubrication and protection of seals that maintains elastomisation
- Improved oil fluidity in colder weather due to HYDRO-SYN™ base oils
- Rust and copper corrosion protection
- Prevention of foaming

**Recommendation**

DuraGear 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 <sup>2</sup> /s	D-445	159.70	389.20
Viscosity, cSt @ 100°C, mm <sup>2</sup> /s	D-445	16.38	27.78
Viscosity Index	D-2270	117	111
Density @ 15°C, kg/L	D-4052	0.879	0.893
Viscosity, Brookfield, cP @ -20°C	D-2196	26,515	154,333
Pour Point, °C	D-5950	-28	-19
Flash Point (COC), °C	D-92	227	233
<b>PRODUCT CODE</b>		<b>88847</b>	<b>88848</b>

88847-48v20 DG/GS 2/20

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