



**Product Description**

DaTo GMAX is an extreme pressure Gear Lubricant formulated from highly solvent refined base oils and special Sulphur Phosphorous additives are recommended for use in automotive manual gear applications. They are ideally recommended for hypoid gear applications where loading is severe and excellent gear protection is required.

**Benefits**

DaTo GMAX provides the following benefits when used as recommended:

- Multifunctional gear oil based on sulphur – phosphorous chemistry enables extreme pressure characteristics and high thermal stability
- Excellent protection against rust and corrosion
- Very good thermal stability
- Compatible with seal materials
- Excellent protection against wearing and scoring produced by high speed and heavy loads
- Excellent load carrying capacity and good antifoam properties

**Application**

It is recommended for automotive hypoid gear differentials operating under high speed, low speed, high torque conditions, where GL-5 performance gear oil are required or permitted.

Also recommended for Heavy-Duty, no synchronized manual transmissions where API:MT-1 performance gear oils are specified and automotive steering gears where GL-5 performance gear oils are permitted.

**Properties**

It is a thermally stable, clean gear technology gear oil, incorporating additional dispersant chemistry in its additive package to suspend any sludges and carbonaceous deposits form, and prevent their deposition on oil seals, gears and critical yellow metal components of transmission.

**Typical Characteristics**

DaTo GMAX	90	80W90	85W90	140	85W140	Credentials & Specifications
Grade	GL-5	GL-5	GL-5	GL-5	GL-5	API: GL-5
Specific Gravity @ 15°C	0.9015	0.8880	0.8905	0.9035	0.9010	MACK GO- Approval
Flash Point, °C	225	220	220	235	230	MIL-L – 2105B, MIL-L-2105C , MIL-L-2105D
Pour Point, °C	-12	-21	-24	-12	-18	
Viscosity at 40°C , cSt	210	150	210	460	410	
Viscosity at 100°C , cSt	17.5	14.4	17.5	30.5	28.5	
Viscosity Index	98	99	98	98	98	

Typical physical characteristics of DaTo Lubricants are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

**Healthy and Safety**

Detailed health and safety information for this product is provided in a Material Safety Sheet which is available upon request from your DaTo Lubricants sales Office, or via the internet on [www.datolube.com](http://www.datolube.com)