



Gravis M Series

High Quality Gear Lubricant

Description

It is a high-quality industrial gearbox oil featuring excellent load carrying capacity.

Application

It is designed to use in all types of enclosed gearboxes. It is recommended mainly for cement, iron and steel industries, where severe and impact loads are encountered. It is used in gear systems of rolling stands, piling machines, cranes, excavators, cranes, conveyors, machine tools and elevators.

Benefits

- Exhibits high thermal stability at elevated temperatures.
- Prevents residue and deposit formation without foaming
- Protects gear systems for long period of time by providing high oil film resistance.
- Ensures elongated service life, thanks to its resistance to oxidation.
- Reduces maintenance costs, improves operational efficiency.
- Prevents gears against rusting and corrosion.
- Used in all kind of gear system, thanks to its suitability with wide range of viscosity.
- Maintains its lubrication function by preventing adverse effects of the water in industrial applications like the gearboxes used in rolling mills and paper mills etc.
- Reduces cold starting wear and metal aging.
- Prevents formation of residue and deposits and maintains its chemical integrity, thanks to its high thermal stability.

Performance

AGMA 250.04, AGMA 9005 D-94, AGMA 9005 E-02, US Steel No. 224, DIN 51517 Part 3 (2004)

Typical Specifications*

ISO VG		68	100	150	220	320	460	680	1000
Density, @ 15°C g/ml	ASTM 4052	0.885	0.891	0.896	0.90	0.905	0.909	0.913	0.912
Flash Point, COC, °C	ASTM D 92	232	246	248	250	252	254	230	242
Kinematic Viscosity at 40°C mm²/s at 100°C mm²/s	ASTM D 445	68.86 8.81	95.69 10.86	156.3 14.98	225.6 18.94	329.9 24.17	469.9 30.47	665 38.75	1050 55.97
Viscosity Index	ASTM D 2270	100	97	92	94	94	94	96	103
Pour Point, °C	ASTM D 97	-24	-24	-24	-18	-12	-9	-9	-6

* Values are changeable according to production.

Packing

Tin Can	16 kg
Drum	185 kg

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