



All round Engineering

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Reg no.2012/117416/07

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41 Illana Street Delville, Germiston

PRODUCT DATA SHEET

MAGNUM INDUSTRIAL GEAR OILS

PRODUCT DESCRIPTION

MAGNUM INDUSTRIAL GEAR OILS are a range of high quality, sulphur phosphorous, extreme pressure oils, blended with high quality paraffinic mineral oils and have excellent thermal stability and high load carrying capacity. This product provides excellent corrosion protection, anti-foam characteristics, demulsibility and oxidation resistance.

APPLICATION

MAGNUM INDUSTRIAL GEAR OILS are recommended for use in enclosed industrial gear drives, open gear drives and induction type reduction gearboxes. It is most suitable for spur, bevel, helical, worm and enclosed hypoid gear cases. Other applications are chain drives, sprockets, plain and rolling element bearing, bath, splash and circulation or spray lubrication.

BENEFITS

- Outstanding antiwear properties.
- Good oxidation stability.
- Good rust and corrosion protection.
- Good demulsibility ensures rapid water separation
- Excellent anti-foam characteristics.

Directors: Larry Rajpal & Saitish Rajpal

NATIONALLY



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TYPICAL PROPERTIES

TEST PROPERTY	METHOD	ISO VG GRADE						
		68	100	150	220	320	460	680
Viscosity @ 40°C,cSt	ASTM D445	67	100	148	218	314	450	668
Viscosity @ 100°C,cSt	ASTM D445	8.5	11.1	14.6	18.7	23.6	29.8	35.5
Viscosity Index	ASTM D2270	96	96	97	96	95	95	89
Pour point, °C	ASTM D97	-24	-24	-24	-18	-15	-6	-6
Flash point, °C	ASTM D92	202	206	212	218	230	232	232
FZG,Stages Passed	DIN 51354	>12	>12	>12	>12	>12	>12	>12

SPECIFICATIONS

- US STEEL 224
- DIN 51517 Part

STORAGE

- All packages should be stored under cover. If stored outside drums should be laid horizontally to avoid water ingress and damage to markings on the drums. Products should not be stored above 60°C or exposed to hot sun or freezing conditions.

This data sheet was prepared from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product.

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