



ZetaLube

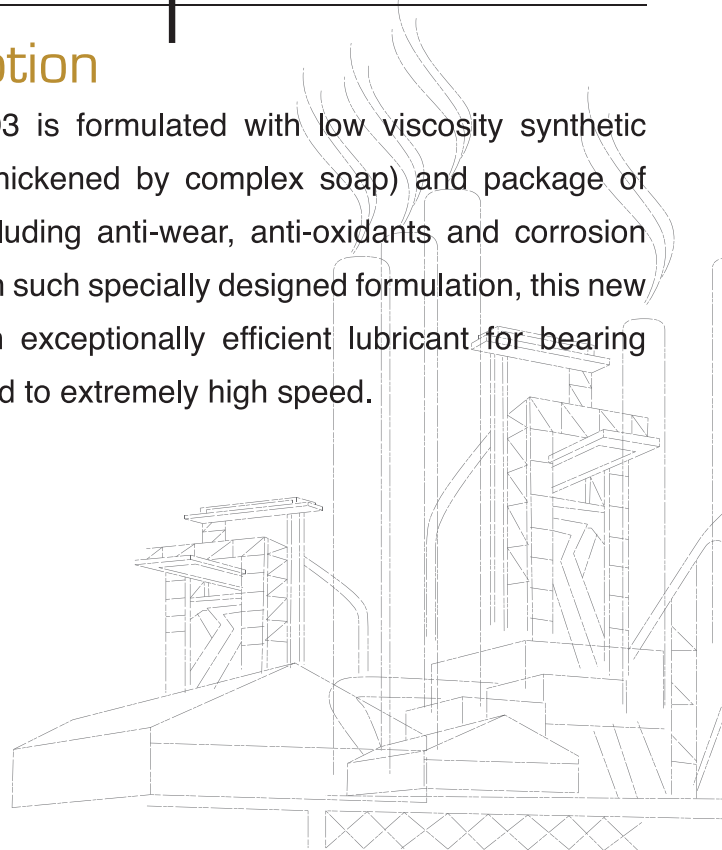
A New Lubricity Dimension
Evolved From Experience



ZetaLube 203 Hi Speed Grease

Description

ZetaLube 203 is formulated with low viscosity synthetic base fluid (thickened by complex soap) and package of additives including anti-wear, anti-oxidants and corrosion inhibitor. With such specially designed formulation, this new grease is an exceptionally efficient lubricant for bearing parts exposed to extremely high speed.



MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance

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Features and Benefits

- DmN factor > 1 million → $DmN = rpm \times ((\text{bearing bore} + \text{outside diameter}) / 2)$.
- Good anti-wear performance and oxidative stability.
- Excellent resistance to water washout.
- Long service life of lubrication at high speed.
- Eliminates the needs for an external oil lubrication system (e.g. oil-mist system).
- Wide Temperature Range: -40°C to 120°C.

Recommended Applications

- For lubricating spindle and tapered roller bearings, ball screws subjected to high speed & high pressure.
- For lubrication of spinning turbine used in the textile industry.
- For tooth flanks of precision gears and bevel gears in milling machines.
- For fine instruments and control mechanisms in industrial, marine, aviation and automotive applications.

Typical Data

TEST	ASTM TEST METHOD	TEST RESULT
Colour	Visual	Brown
Texture		Smooth
Type of Thickener		Lithium Complex
NLGI Grade		2
Worked Penetration @25°C	D-217	265-295
Viscosity in cSt of Base Fluid	@40°C	11
	@100°C	2.9
Viscosity index for Base Fluid	D-2270	115
Flash Point for Base Fluid (°C)	D-92	>150
Pour Point for Base Fluid (°C)	D-97	> -40
Dropping Point (°C)	D-2265	N.A.
Operating Temperature Range (°C)		-40 to + 120
Timken OK Load (Kg)	D-2509	N.A.
4-Ball EP Performance Weld Load (Kgf)	D-2596	200
Water Washout % Loss	D-1264	2%

The data shown is typical value and may vary.

Pack-size

1 Kg Jar

Authorized Distributor