



# Makina Grease & Lubricants Manufacturing L.L.C.

## MarGer 100

### Description

MarGer 100 gear oil range of high-quality lubricants based upon highly refined mineral oil, enhanced with extreme pressure additive technology providing good thermal stability and high load carrying capacity. The extreme pressure additive system not only provides high load carrying capacity but was designed to provide microscopic wear protection.

### Application

- Recommended for the lubrication of industrial gear boxes using force circulation or splash and oil bath lubrication.
- They may be used for the lubrication of spur and helical gears and in some lightly loaded warm type gear application.
- They have very good viscosity characteristics to ensure starting torques are not excessively high in cold operating system.

### Benefits

- Less gear and bearing wear resulting in less unexpected downtime.
- Improved bearing life resulting in higher productivity.
- Reduced leakage, oil consumption and contamination ingress helping to reduce maintenance, extend gearbox reliability and higher productivity.
- Helps extended lubricant life with lower lubricant and lubrication cost and reduced schedule downtime.
- Cleaner system and reduced maintenance because of minimal sludge and deposit formation.
- Excellent protection of machine parts, with reduced maintenance and repair costs.
- Effective lubrication and problem free operation in the presence of water contamination or in equipment prone to oil foaming.

### Care and Handling

- Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.



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## Typical Physical Characteristics

PROPERTIES	UNITS	MarGer 100
KINEMATIC VISCOSITY, at 40°C	cSt	100
KINEMATIC VISCOSITY, at 100°C	cSt	11.3
VISCOSITY INDEX		>95
DENSITY @ 15°C kg/L	kg/L	0.891
FLASH POINT (Pensky-Martens Closed Cup)	°C	>240
Pour Point	°C	-24