



TECHNICAL DATA SHEET

GEM GUARD SP 100

Industrial ISO VG 100 Gear Lubricant



Product Description:

Gem Guard SP 100 is an Extreme Pressure Heavy Duty Industrial Gear Oil providing exceptional EP performance and load carrying properties. Formulated from highly refined base oils and extreme pressure additives Gem Guard SP 100 protects against corrosion, has excellent water separating properties and is highly resistant to foaming in service

Advantages/Benefits:

- Excellent oxidation stability
- High level of EP performance
- Reduced micro-pitting
- Protects against corrosion
- Improved gear wear protection
- Good demulse properties

Application:

Gem Guard SP 100 is recommended for most types of enclosed gear applications. It is ideal for heavily loaded gear sets, including worm and industrial hypoid units and for gears which are subject to shock loading. It is also suitable for circulation or splash lubrication systems operating at peak temperatures of 120°C. It is also suitable for Chain Drives and Bearings.

For further information please contact your local representative or GEM Oils directly.

Typical Test data:

KV @40°C (cSt)	96.15
KV @100°C (cSt)	
VI	
Density @ 15°C	0.886
Pour Point (°C)	-22
Flashpoint (°C)	249

Health & Safety: (Group 1)

Please refer to the relevant MSDS which is available to all customers.

Availability:

Available in bulk, 1000 litre IBC's, 200 litre barrels & 20 litres.

Main Specifications:

DIN	51517-3
ISO	6743-6 & 12925-1
AGMA	250.04 & 9005-D94
David Brown	S1 53.101
AGMA	9005/D94
Cincinnati Milacron	P-74 (C-220)
US Steel	224
Bosch Rexroth	Approved
Friedrich Flender	Approved
Müller Weingarten	Approved



Gem Oils use a QMS system which is ISO 9001:2015 approved

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