



INDUSTRIAL GEAR OIL

Driven through

- **Innovation**
- **Core Excellence**
- **Cutting Edge Solutions**



www.roburlubricants.com

MAGNUM GOLD | RO-Gear Series -ISO VG-100 | 150|220|320|460|600|1000

- ❖ Industrial gear oil is a specialized lubricant designed to protect enclosed and open gear systems in heavy-duty machinery from wear, friction and extreme pressure.
- ❖ Magnum gold series is a range of premium quality heavy duty industrial gear oil developed to deliver quintessential performance.
- ❖ Provides excellent protection against gear scuffing and micro pitting also known as “grey staining”. Compatible with ferrous and non-ferrous metals at high temperature, offers excellent lubrication performance and long oil service interval.
- ❖ To handle the increased demands, today’s industrial gear oil must contain high performance additives formula. Our legendary S-P Technology and E-P additives ensures the lubricant thermally stable and robust enough to ensure that it lasts longer, protects better and performance more efficiently.

Features:

- ❖ Outstanding resistance to oxidation.
- ❖ Excellent extreme pressure capability ensures, minimized wear helping prolonged equipment life.
- ❖ Resistance to foaming ensures effective lubrication and efficient power transmissions.
- ❖ Minimizes metal-to-metal contact, prevent pitting and scuffing.
- ❖ Provides a durable film to cushion gears against shock loads.

**Applications:**

Industrial Gear Boxes: Lubrication of enclosed gear set (spur, helical, bevel and worm) to reduce friction, wear, heat in manufacturing equipments.

Heavy-duty Machinery: Used in mining, steel mills and construction equipment to handle high loads, shock & extreme pressure.

Conveyor Systems: Ensures continuous, smooth operation of transport mechanisms.

Power generation: Essential for wind mill turbine gear boxes and turbine bearings.

Marine and offshore equipment: Protect ship transmission, deck machinery, and off shore driving equipment against corrosion and moisture.

Industrial processing equipment: Applied in Agitators, mixers and extruders.

Robur-Magnum series | meets & exceeds the performance requirements of
(i).ISO-12925-1 (CKC/CKD) , (ii).ANSI/AGMA 9005-E02 .

Technical Specifications

Parameters	Test Method	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680	ISO VG 1000
Kinetic viscosity at 40°C cst	ASTM D445	95-102	145-155	210-225	310-330	440-460	670-690	990-1010
Kinetic viscosity at 100°C cst	ASTM D445	11-12	14-16	19-21	24-26	31-35	38-40	48-50
Viscosity Index	ASTM D2270	98	99	98	97	96	94	92
Flash Point °C	ASTM D92	240	245	245	250	250	260	270
Pour Point °C	ASTM D97	-18	-15	-12	-12	-12	-2	-2
FZG Load Carrying Test	ISO 14635-1 & A/8.3/90	≥12	≥12	≥12	12	12	12	12
Rust Test	ASTM D 665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Four Ball Weld load/ kg	ASTM D2783	240	250	250	250	250	250	250

The above said typical properties are those obtained with normal production tolerance and do not constitute a specifications. The information contains here in subject to change without notice.

Packaging Size: 20L, 50L, 210L

Storage:

All packages should be stored under cover with well ventilated area avoid direct sunlight & intense cold and extreme temperature fluctuations. Drums should be laid horizontally or properly covered to avoid possible ingress of water.





Manufactured & Marketed by:

Plas-tech Automations

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