

# INDUSTRIAL GEAR OIL EP ISO 100



## Description

**BENZOL®** Industrial Gear Oil EP ISO 100 premium quality oils manufactured from high quality base stocks fortified with extreme pressure additives, antifoam, antirust and antioxidation agents, thereby they have excellent oxidation resistance and thermal stability. **BENZOL®** Industrial Gear Oil is formulated to protect gear teeth from wear at its earliest stages.



## Applications

**BENZOL®** Industrial Gear Oil is recommended for all heavy-duty enclosed gear drives with circulation or splash lubrication system operating under heavy or shock load conditions, plain and antifriction bearings subjected to shock and heavy loads. Benzol Gear EP 100 is used in a wide range of industrial and marine applications, especially spur, helical, bevel and worm gearing.

## Performance Benefits

- Resistance to oxidation, ageing and sludge formation.
- Improved bearing life resulting in higher productivity.
- Outstanding protection to rust and corrosion of copper alloys.
- Maintains protective lubricant film in all operating conditions.
- Cleaner systems and reduced maintenance.
- Easy water separation.
- Less gear and bearing wear resulting in less unexpected downtime

## Specifications and Approvals

AGMA 9005-E02, ISO 12925-1 Typ, DIN 51517-3 CLP: 2009-06.  
AIST 224.

## Product/Part Number

IG09000331	4 x 5	IG09000321	4 x 4
IG09000171	12 x 1	IG09000171	24 X 1
IG09000511	1 x 20	IG09000531	1 x 25
IG09000561	1 x 200	IG09000571	1 x 208
IG09000601	1x1000		

## Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L2.5
Density @ 15 °C, Kg/L	D-1298	0.8815
Viscosity @ 100 °C, cst	D-445	11.54
Viscosity @ 40 °C, cst	D-445	100
Viscosity index	D-2270	102
Flash Point, °C (COC)	D-92	248
Pour Point, °C	D-97	-27
Foam SEQ.I/II/III	D-892	0/0/0

## HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit [www.benzollubricants.de](http://www.benzollubricants.de)

