



## PRODUCT INFORMATION

# EP INDUSTRIAL G. OIL

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### CHARACTERISTICS

EP Industrial Oil is the leading product regarding Tribology and belongs to a new generation of sophisticated high performance oils featuring outstanding properties, superior, not only to the best conventional oils on the market, but also the semi-synthetic and synthetic oils.

EP Industrial Oil is an EP gear oil of the NL group (Non-Leaded) for industrial gears. Can with advantage be used as a processing oil. Is suitable for circulation, bath and central lubrication systems.

EP Industrial Oil carries a strong anti rust inhibitor, as well as anti oxidation properties and anti foaming.

EP Industrial Oil contains additives which make it unique for industrial gears with brass alloys, including bronze worm wheels in worm gears and white metal bearings. Is furthermore added special components to secure long life operation as well as longer lifetime of the oil.

### QUALITIES & ADVANTAGES

A superior product within the tribology containing outstanding FMA additives which will:

- Reduce friction.
- Reduces normal wear and tear on the components to a great extent.
- Reduces working temperatures.
- Reduces general energy consumption.

- Reduces costs and maintenance.
- Prolong lifetime on all components & materials.

### ANTI-WEAR AND TEAR QUALITIES

- Extreme Pressure properties reduce the wear and tear on the engine and ensure longer engine life.

### CORROSION INHIBITOR

- Anti rust inhibitor, anti corrosion in all metals including the brass and bronze wheels in worm gears.

### APPLICATION

- All industrial gear systems.
- Well recommended for circulation and bath lubrication plants as it contains excellent adhesive properties.
- All metal including the brass and bronze wheels in worm gears.
- Recommended as a processing oil.
- Recommended for windmill gears.

### SPECIFICATION:

EP Industrial Oil meets, is approved or exceeds the following:

- FZG Gear Test DIN 51354, min. stage 12  
FLENDER APPROVAL
- AGMA standard 250.03  
American Gear Association Manufactures
- Timken OK Test, min. stage 90 LBS
- Ball Weld Point Test, min. stage 400 kg.
- Frosting Test, min. stage 10
- Foam Test ASTM 892, passes

## EP INDUSTRIAL G. OIL - continued

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### PHYSICAL DATA

<b>ISO-GRADE</b>	<b>68</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>	<b>1000</b>
VISCOSITY (cSt) mm <sup>2</sup> /s at 40°C	68	150	220	320	460	680	990
VISCOSITY (cSt) mm <sup>2</sup> /s at 100°C	9.2	14.4	18.8	23.6	30.0	35.0	44.0
VISCOSITY INDEX	100	100	100	100	98	98	98
E° at 50°C	7.0	11.5	16.7	23.0	32.1	46.9	62.9
POUR POINT, °C	-30	-25	-24	-24	-23	-21	-18
FLASH POINT COC, °C	245	245	255	260	270	260	260

\* also available in ISO 100

### SAFETY/ENVIRONMENTAL

- Avoid prolonged skin contact.
- Keep away from children.
- If swallowed, do not induce vomiting - call a doctor.
- Do not inhale fumes.
- Do not dispose empty oil cans or oil waste in nature.