

# INDUSTRIAL GEAR EP



Industrial Gear EP is an industrial lubrication oil with added quality-enhancers to cope with high pressure. This oil helps prevent the wear and tear of gears in heavy-duty industrial machinery used at high temperatures with high pressure loads or high impact.

- Prevents reactions with oxygen at high temperatures, oil does not disperse quickly
- Offers excellent protection against the wear and tear and corrosion of gears and bearings
- Prevents foam, able to separate from water quickly, prevents rust

## Usage of Industrial Gear EP

- Suitable for all types of gears and bearings which need lubrication to prevent wear and tear
- Suitable for industrial gears which need to cope with high pressure
- 680 and 1000 are suitable for large low-revolution gears in steel and sugar factories
- 3200 is suitable for open gears and bearings for sugarcane juice extractors in sugar mills.
- Not suitable for copper, brass or silver

**Passed standard tests:** DIN 51517 Part 3, AGMA 9005-D94, U.S. Steel 224

## Special characteristics of Industrial Gear EP

The General Characteristics	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680	ISO 1000	ISO 3200
No. AGMA	2EP	3EP	4EP	5EP	6EP	7EP	8EP	-	-
Viscosity @ 40°C, cSt.	71.39	99.47	152.09	226.80	324.55	459.50	678.20	1078.88	3200
Viscosity @ 100°C, cSt.	8.94	11.27	14.93	19.32	24.43	30.70	38.75	48.51	90
Viscosity Index	98	99	98	97	96	97	85	80	80
Flash Point (COC), °C	228	235	245	235	244	264	260	250	250
Color, ASTM	L.1.5	L.2.0	L.3.0	L.3.0	L.3.5	L.4.5	L.6.0	Dark Green color	Green Brown color
Rust Protection	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foaming Tendency/ Stability	0/0 20/0 10/0	0/0 20/0 10/0	0/0 25/0 10/0	0/0 25/0 10/0	0/0 15/0 10/0	0/0 30/0 10/0	0/0 30/0 10/0	-	-
EP Properties Test									
- Timken OK Load (lbs.)	60	60	60	60	60	60	60	60	60
- FZG (Damage Load Stage)	Pass 12	Pass 12	Pass 12						

Packaging: 200L & 18L