



Sasol Industrial Gear Oil EP 68, 100, 150, 220, 320, 460 & 680

GEAR OIL, INDUSTRIAL, EXTREME PRESSURE, GRADES 68, 100, 150, 220, 320, 460 & 680

Description

Sasol Industrial Gear Oil EP range are extreme pressure industrial gear oils containing:

- sulphur/phosphorus type additives
- anti-foaming agents
- corrosion inhibitors
- anti-oxidants

Application

Sasol Industrial Gear Oil EP 68, 100, 150, 220, 320, 460 & 680 are recommended for use in gear and circulating oils as separate or single product. These oils are suitable for most systems employing oils of these viscosities.

Features and Benefits

The specific formulation of Sasol hemat oils ensures:

- compatibility with ferrous and non-ferrous metals of industrial gear units
- good anti-wear properties
- demulsibility
- excellent heat stability

Sasol Industrial Gear Oil EP range oils also have the following features and benefits:

- Industrial Gear Oil EP range is suitable for bulk oil temperatures of up to 100°C.
- No lead, chlorine or zinc compounds are used in the formulation so as to ensure low toxicity levels and good water separation.
- Sasol Industrial Gear Oil EP range oils are **NOT** recommended for automotive hypoid gears.

Product Specifications

AGMA 250.04 (2 EP to 8 EP)
Cincinnati Milacron P-59
CKS 443
Crofts Designation B
David Brown 2E to 8E
DIN 51517 Part 3
Hansen – Gearcases

Voest-Alpine – Miners
SEB 181.222
Svensk Standard SS 155434
U.S. Steel 224



Typical Characteristics

Property	Units	68	100	150	220	320	460	680	ASTM	IP
Viscosity									D445	71
@ 100°C	mm ² /s	9	11	15	20	24	30	37		
@ 40°C	mm ² /s	68	104	152	230	312	450	650		
Viscosity Index		99	98	97	97	97	94	87	D2270	226
Pour Point	°C	-15	-12	-12	-12	-9	-6	-3	D97	15
Flash Point (COC)	°C	230	240	250	250	250	250	280	D92	36
Density @ 20°C	kg/m ³	882	888	890	895	897	904	918	D4052	365
Load Carrying Capacity (FZG)	Stage	12	12	12	12	12	12	12	DIN 51354	334
OK Load (Timken)	kg	65	65	65	70	70	75	75	D2782	240
4 Ball wear, MWSD (15 kg)	mm	0.25	0.25	0.25	0.23	0.24	0.26	0.24	D 4172	

Storage and Handling

Use PVC, nitrile or other oil resistant gloves and protective clothing to prevent skin contact. Where eye contact is a potential hazard, goggles should be worn.

Avoid temperatures above 80°C and strong oxidizing agents.

Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas are acceptable. Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

Pack Information

<u>Grades</u>	<u>Product Code</u>	<u>Pack Size</u>
68		20 L 210 L
100		20 L 210 L
150		20 L 210 L
220		20 L 210 L
320		20 L 210 L
460		20 L 210 L
680		20 L 210 L