



Sasol Circulating & Gear Oil 150, 220 & 320

GEAR OIL, COMPRESSOR & HYDRAULIC, R AND O, GRADES 150, 220 & 320

Description

Sasol Circulating & Gear Oil 150, 220 & 320 are zinc-free, high-quality, rust and oxidation-inhibited oils having excellent anti-rust, anti-oxidation and anti-foam properties. They combine the functions of lubricating and hydraulic oils into a single product.

Application

Sasol Circulating & Gear Oil 150, 220 & 320 oils are intended for:

- hydraulic systems
- pumps containing silver-plated components
- plain and antifriction bearings
- enclosed gears operating under light to moderate loads
- certain compressors and machine tools
- automotive gears operating under API GL-1 conditions

Features and Benefits

Sasol Circulating & Gear Oils can be used in most lightly to moderately loaded enclosed gears where extreme pressure properties are not required. These oils are non-corrosive to silver and can safely be used in the presence of components plated with this metal.

Product Specifications

AGMA 250.04 (4) & (5) R & O	ISO 11158
API GL-1	DIN 51506
DIN 51524 Part 2 & 3	AFNOR NF E 48-603
David Brown 4M & 5M	SEB 181 222
ISO 6743/4, ISO/DP 6521	Denison HF-0, HF-1, HF-2
SS 155434; US Steel 126, 127, 136	Cincinnati Machine P-68, P-69, P-70
DIN 51517 Part 2	



Typical Characteristics

Property	Units	150	220	320	ASTM	IP
Viscosity					D445	71
@ 100°C	mm ² /s	19	15	29		
@ 40°C	mm ² /s	219	190	420		
Neutralisation Value	mg KOH/g	0,40	0,40	0.4	D974	1A
Viscosity Index		97	105	100	D2270	226
Pour Point	°C	-12	-6	-6	D97	15
Flash Point (COC)	°C	230	260	260	D92	36
Density @ 20°C	kg/m ³	888	893	892	D4052	365
Copper Corrosion	rating	1	1	1	D130	
Demulsibility @ 54 °C (Salt)	ml	0	1	1	D1401	
Rust Protection @ 60 °C (Salt)	rating	PASS	PASS	PASS	D665B	

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>
150		20 L 210 L
220		20 L 210 L
320		20 L 210 L