



System and Circulation Oil 220

Product Code: 78630

Industrial bearing and circulating oils

System and Circulation Oil 220 is a premium quality multipurpose lubricating oil intended for use in hydraulic systems in industrial and mobile service, compressors, turbines, circulating systems and spur, helical, bevel & worm gearboxes where R&O type of oils are required.

System and Circulation Oil 220 is formulated with high quality refined virgin mineral stocks in combination with a special additive technology to achieve the following performance.

- Superior thermo-oxidative stability.
- Excellent demulsibility helps in faster separation of water from oil.
- Special rust & corrosion inhibitors protect critical components even in severe operating conditions.
- Effective foam control and rapid air release properties ensure trouble-free operations

System and Circulation Oil 220 exceeds the following performance criteria:

DIN 51524 Part 1 HL
AFNOR NF E 48-603

ISO 11158-HL

DIN 51517 Part 2 CL

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG		SAE J3000	220
Density @15°C	kg/m ³	ASTM D4052	894
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	215
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	18.5
Viscosity Index		ASTM D2270	95
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-12
Air Release Value @75°C	Minutes	ASTM D3427	Pass
Demulsibility @82°C	Minutes	ASTM D1401	Pass
Turbine Oil Stability Test	Hrs	ASTM D943	>1000

Date Issued: 19-03-2021	Supersedes: 02-02-2018	Revision Nr.: 03
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