

CIRCULATION POWER 220

Circulation and System Oil

CIRCULATION POWER 220 is a premium quality mineral system and circulation oil for the use in hydraulic systems, compressors, turbines, circulation systems bevel & worm gearboxes where a R&O oil type is required.

CIRCULATION POWER 220 is formulated on high refined solvent base stocks in combination with a special additive package to reach the following properties:

- Superior thermo- and oxidation stability
- Rust and corrosion protection
- Foam control
- High wear protection
- Good water separation and rapid air release

CIRCULATION POWER 220 meets the following performance criteria:

DIN 51524-1 HL

DIN 51517-2 CL

AFNOR NF E 48-603

P-62 (FC-10)

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Class			220
Density @15°C	kg/m ³	ASTM D4052	889
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	205
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	17.9
Viscosity Index		ASTM D2270	94
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-13
Total Acid Number	mgKOH/g	ASTM D974	0.12
Water Separability @82°C	Minutes	ASTM D1401	15
Air Release Value @50°C	Minutes	ASTM D3427	Pass
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