

## 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 <sup>3</sup>	ASTM D4052	896.0
Kin. Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D7042	214.9
Kin. Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D7042	18.7
Viscosity Index		ASTM D2270	95
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-12
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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