



System and Circulation Oil 46

Product Code: 78590

Mineral system and circulation oil

System and Circulation Oil 46 is premium quality mineral system and circulation oil for use in hydraulic systems, compressors, turbines, circulation systems bevel & worm gearboxes where a R&O oil type is been required.

System and Circulation Oil 46 is formulated on high refined solvent base stock in combination with an 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

System and Circulation Oil 46 exceed the following performance criteria:

DIN 51524-1 HL DIN 51517-2 CL AFNOR NF E 48-603 P-62 (FC-10)

Typical Analysis

Property	Unit	Method	Typical Value
ISO VG Grade		SAE J3000	46
Density @15°C	kg/m ³	ASTM D4052	878
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	45
Viscosity Index		ASTM D2270	100
Flash Point COC	°C	ASTM D92	>186
Pour Point	°C	ASTM D7346	-24
Total Acid Number	mgKOH/g	ASTM D974	0.1
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

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