



## System and Circulation Oil 100

Product Code: 78610

Industrial bearing and circulating oils

**System and Circulation Oil 100** is a premium quality multipurpose lubricating oils 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 100** 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 100** exceeds the following performance criteria:

DIN 51524 Part 1 HL    ISO 11158-HL    AFNOR NFE 48-603

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG		SAE J3000	100
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	880
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	95
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	10.6
Viscosity Index		ASTM D2270	93
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-15
Air Release Value @75°C	Minutes	ASTM D3427	Pass
Demulsibility @82°C	Minutes	ASTM D1401	Pass
Turbine Oil Stability Test	Hrs	ASTM D943	>1000

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