

CIRCO BG 100

Mineral oil base for bearing and gear

Description

CIRCO BG 100 is high quality lubricant that provide maximum protection during long periods of operation. The lubricant is formulated with selective group II mineral base oil and rust and oxidation inhibitor additive for bearings and gears. The use of inherently oxidatively stable base oils together with an effective inhibitor package provides high resistance to oxidative degradation. The result is extended oil life, minimizing the formation of aggressive corrosive acids, deposits and sludge, reducing your operating costs.

Applications

CIRCO BG 100 is specially designed for use in most electric motor bearings, air compressors, gears, hydroelectric turbines and non-heavy duty hydraulic systems where OEM recommends R&O type lubricant.

Specification Meets

CIRCO BG 100 meets the Denison HF-1, HF-0, General Electric GEK-32568, Solar Turbine, ES9-224, MIL-H-17672D, US Steel 126, Afnor E-48600 HL, Cincinnati Milacron P-38, P45, P54, P-55, P-57, P62 standard, ISO 6743/4 Category HL.

Advantages

- ▶ Excellent oxidation and thermal stability
- ▶ Good filter ability characteristics
- ▶ Excellent rust and corrosion protection for maximum equipment life
- ▶ Excellent demulsibility performance
- ▶ Superior water separation performance
- ▶ Resistant to sludge formation
- ▶ Good foaming resistant

Typical Data of CIRCO BG 100

Characteristics	Unit	CIRCO BG 100	Test Method
Color		L 0.5	ASTM D 1500
Density @ 15 °C	kg/L	0.8682	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	102.48	ASTM D 445
Kinematic Viscosity @ 100 °C		11.93	
Viscosity Index		106	ASTM D 2270
Flash Point (COC)	°C	250	ASTM D 92
Pour Point	°C	-21	ASTM D 97
Demulsibility @ 54.0 °C/82.0 °C	(min) mL/mL/mL	(10') 40/40/0	ASTM D 1401
Sequence I : 24 °C	mL	0/0	ASTM D 892
Sequence II : 93.5 °C		10/0	
Sequence III : 24 °C after 93.5 °C		0/0	
TOST (95 °C, H ₂ O, O ₂ , Fe and Cu calalyst) time to TAN 2 mg KOH/g	hours	>6000	ASTM D 943
RPVOT (150 °C, H ₂ O, O ₂ , and Cu catalyst) life time, minimal	hours	>3000	ASTM D 2272
Rust Prevention Stage A	Degree of Corroton	Pass	ASTM D 665
Rust Prevention Stage B		Pass	

* the typical characteristic mentioned represent mean values