

BOGE 3000plus

Technical Data Sheet

Compressor Lubricant

A highly sophisticated compressor lubricant formulated from high viscosity index solvent refined mineral oils and 'ashless' additive technology. BOGE 3000plus combines outstanding oxidation resistance with excellent corrosion inhibition and anti-wear performance. In addition, the lubricant has excellent water and air release characteristics. The combination of high quality base stocks with the latest in modern additive chemistry produces a compressor lubricant suitable for use in a broad cross section of compressor applications.

Formulated to meet DIN 51506 VDL and ISO 6743 Part 3 standards, BOGE 3000plus is particularly recommended for use in screw compressors operating under continuous high loads and at high discharge temperatures.

Major benefits can be achieved from the use of BOGE 3000plus, particularly in terms of maintaining compressor cleanliness, extending oil change intervals and providing enhanced compressor life.

Performance Benefits

- Primarily recommended for lubrication of screw compressors with up to 4,000 hour oil change intervals. Can also be used in any compressor which calls for an ISO 46 mineral oil based product.
- Ashless additive system ensures superior lubrication with minimal ash/deposit formation. Reduces wear and provides extended compressor life.
- Incorporates other selected additives to inhibit oxidation, provide protection against corrosion and to minimise foaming and maximise air release.

Storage

Drums should be stored on their sides in a clean, dry place and protected from extremes of temperature.

Health and Safety

These products contain mineral oil and therefore should be handled according to good standards of industrial hygiene. Further detailed information is available on request.

Performance Specifications/Data

Din 51506 VDL, ISO 6743 Part 3, ISO-L-DA/A/B/C/G/H. Most OEM requirements.

Load Carrying Capability		Pass Load Stage 10 (FZG DIN 51 354 Load Stage)
Rust Prevention	ASTM D665 A/B	Pass
Oxidation Stability	ASTM D943	>2180 Hours
Demulsibility	ASTMD1401	40/40/0 (10 mins)
Foam Tendency	ASTM D892	0ml/10 mins
Fiterability	Denison HF-O	243secs (-ve water)
	Denison HF-O	264secs(+ve water)

Typical Physical/Chemical Properties

Kinematic Viscosity 40°C:	46.0
Kinematic Viscosity 100°C:	6.8
Specific Gravity 15°C:	0.876
Closed Flash Point °C:	>190
Viscosity Index:	102
Pour Point °C max:	- 20