

Description

MaxFluid Compressor Oil DE 68 is a premium quality rotary air compressor lubricant developed by MAXFLUID for oil-injected rotary screw and rotary sliding vane air compressors. Formulated with high quality base oils and advanced ashless additive technology, it delivers outstanding oxidation stability, excellent wear protection, and superior resistance to sludge and deposit formation under demanding operating conditions.

MaxFluid Compressor Oil DE 68 is engineered to provide extended lubricant service life, reduce maintenance requirements, and maintain optimum compressor efficiency in industrial and marine applications.

Performance Features & Benefits

Long Service Life

Excellent resistance to oxidation and thermal degradation helps extend lubricant life while minimizing sludge, varnish, and carbon deposits. Under suitable operating conditions and in accordance with OEM recommendations, extended oil drain intervals may be achieved.

Outstanding Wear Protection

Advanced ashless anti-wear technology protects bearings, gears, rotors, and other critical compressor components against wear, helping extend equipment life and reduce maintenance costs.

Excellent Air Release & Low Foaming

Rapid air release and excellent anti-foam characteristics ensure smooth compressor operation, dependable lubrication, and uninterrupted compressed air supply.

Excellent Water Separation

Outstanding demulsibility allows rapid separation of water contamination, reducing corrosion risks and maintaining lubricant performance even in humid operating environments.

Superior Rust & Corrosion Protection

Provides reliable protection against rust and corrosion on internal metal components during operation, shutdown, and storage.

Improved Compressor Efficiency

Maintains clean internal surfaces and stable lubricant performance, helping maximize compressor reliability, energy efficiency, and service life.

Superior Deposit Control

Effectively resists carbon and varnish formation on rotors, sliding vanes, oil separators, and discharge systems, maintaining clean compressor internals and reliable long-term performance.

Applications

MaxFluid Compressor Oil DE 68 is recommended for:

- Oil-injected rotary screw air compressors
- Rotary sliding vane air compressors
- Industrial compressed air systems
- Manufacturing and processing plants
- Marine air compressor systems
- Continuous-duty compressor installations

Suitable for single-stage and two-stage rotary compressors where an ISO VG 68 compressor lubricant is specified by the equipment manufacturer.

Product Advantages

- Premium rotary air compressor lubricant
- ISO VG 68 viscosity grade
- Extended lubricant service life
- Outstanding oxidation stability
- Excellent thermal stability
- Advanced ashless anti-wear technology
- Superior wear protection
- Excellent deposit control
- Low carbon and varnish formation
- Outstanding air release and anti-foam performance
- Excellent water separation
- Reliable rust and corrosion protection
- Helps maintain compressor efficiency
- Reduced maintenance and operating costs

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	MaxFluid Compressor Oil DE 68
ISO Viscosity Grade	-	ISO 3448	68
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	68
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	8.9
Viscosity Index	-	ISO 2909	104
Density @ 15°C	kg/m ³	ASTM D1298	873
Pour Point	°C	ASTM D97	-30
Flash Point	°C	ASTM D92	248
Air Release	mins	ASTM D3427	5
Water Separability @ 54°C	mins	ASTM D1401	15

The values shown are typical characteristics and may vary within normal manufacturing tolerances.

Health and Safety

MaxFluid Compressor Oil DE 68 is manufactured to high quality standards and is intended for professional industrial use. Under normal operating conditions and when handled correctly, the product is not expected to present significant health or safety hazards.

Avoid prolonged or repeated skin contact and prevent contact with eyes. Wear appropriate personal protective equipment (PPE), including protective gloves and safety glasses, when handling the product. Ensure adequate ventilation in enclosed areas and avoid inhalation of oil mists.

Store in tightly sealed containers in a cool, dry, and well-ventilated area away from direct sunlight, heat sources, and incompatible materials. Prevent spills from entering drains, waterways, or soil.

For detailed information regarding safe handling, storage, transportation, and disposal, refer to the latest Safety Data Sheet (SDS) for MaxFluid Compressor Oil DE 68.