

KYNOS 24K

Silicone Compressor Oil

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS 24K Compressor Oil for Long Service Interval up to 24,000+ Operating Hours

Silicone-based compressor fluids are engineered to provide exceptional performance and longevity in a variety of industrial applications. Unlike conventional oils, these fluids are highly resistant to oxidation and thermal degradation. This resistance ensures that they maintain their properties even under extreme temperature conditions, making them ideal for use in high-demand environments.

One of the standout features of silicone-based compressor fluids is their non-reactive nature and environmental friendliness. Being highly stable and chemically inert, they do not react with other substances, making them suitable for environments where contamination must be avoided at all costs. This is particularly beneficial in industries such as pharmaceuticals, food processing, and electronics, where maintaining the purity of the operating environment is crucial.

Applications

- Silicone-based fluids are often used in rotary screw and reciprocating air compressors, where they reduce wear and provide excellent thermal stability, especially under extreme temperatures.
- Also be utilised in all types of Industrial Compressors, HVAC systems and Refrigeration Compressors.

Benefits

- Silicone Fluids resist reaction with gases and chemicals, which enhances the performance in corrosive environments.
- Silicone-based fluids resist oxidation and degradation, reducing the need for frequent oil changes. These fluids have low vapor pressures, minimizing evaporation and extending fluid life.
- Silicone fluids provide excellent lubrication, reducing wear on compressor parts and extending equipment life.

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- Heavy Duty by ISO 6743-3
- ISO 6521-2 DAH
- IS 13256, DAB
- DIN 51506, 51352-VDL

Typical Performance Data

Properties	Test Method	KYNOS 24K
ISO Viscosity Grade	ASTM D-2422	22
Appearance	Visual	Transparent
Viscosity Index	ASTM D-2270	420
Viscosity @ 40 °C, mm ² /s	ASTM D-445	21
Viscosity @ 100 °C, mm ² /s	ASTM D-445	9
Flash Point, °C Minimum	ASTM D-92	260
Pour Point, °C Max	ASTM D-97	-54
Fire Point, °C	-	275
Auto-Ignition Temperature	-	354, °C
Density @ 25 °C, gm/cc	ASTM D-1298	0.97 g/ml
Corrosion Resist	-	Excellent

*All performance data on this Technical Data Sheet are indicative only and may vary during production.