

Cetus[®] HiPerSYN Oils

High performance synthetic compressor, bearing and gear lubricant



Product description

Cetus[®] HiPerSYN Oils are synthetic compressor, bearing and gear oils.

Customer benefits and product features

Customer benefits

Cetus HiPerSYN Oils deliver value through:

- **Long lubricant life in high temperature operations**
Outstanding thermal and oxidation stability.
- **Long machinery life and maximum compressor efficiency**
Oxidative stability and low carbon-forming tendencies minimize sludge and deposit formation.
- **Long drain intervals**
Long lubricant life mean less frequent oil changes.
- **Minimal maintenance and downtime**
Trouble free operation and extended service intervals can lead to reduced operating costs.
- **Minimum oil consumption**
Low volatility mean less oil goes downstream, and less oil is needed for make-up.

Product features

- Cetus HiPerSYN Oils are formulated with premium base oils and further enhanced with a unique additive system that provides outstanding thermal and oxidation stability, high viscosity index, high flash point, low pour point and excellent hydrolytic stability.
- Cetus HiPerSYN Oils provide good demulsibility characteristics allowing quick release of moisture and help minimize entrained air, which could otherwise result in reduced lubricant film thickness and potentially lead to cavitation.

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Applications

- Recommended for air compressors, especially portable and stationary rotary, vane and screw compressors; and for industrial bearings and gears that require an R&O type synthetic gear oil.
- Designed for applications with wider operating temperature ranges as compared to non-synthetic oils.

Do not use in breathing air compressors or medical equipment. Nor in high pressure systems in the vicinity of potential ignition sources.

Approvals, performance and recommendations

- Proven performance in rotary screw air compressor manufactured by major OEMs including Sullair and Quincy.

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Typical test data

CETUS[®] HIPERSYN OILS

ISO Grade	32	46	68
Product Code	540597	540598	540584
Flash Point, COC, °C	230	244	260
Oxidation Stability			
RPVOT, minutes	1800	1800	1800
TOST, hours	18,000	18,000	18,000
Pour Point, °C	-40	-36	-38
Viscosity, Kinematic			
mm ² /s @ 40°C	30.4	43.7	68.6
mm ² /s @ 100°C	5.7	7.3	10.3
Viscosity Index	130	130	136

Minor variations in product typical test data are to be expected in normal manufacturing

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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