



# Cetus<sup>®</sup> HiPerSYN Oils

High performance synthetic compressor, bearing  
and gear lubricant

Product Data Sheet

## 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.

## 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.

## Product features:

- **Cetus<sup>®</sup> Hipersyn Oils** are synthetic compressor, bearing and gear oils.
- **Cetus<sup>®</sup> 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<sup>®</sup> 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.

## Typical key properties

CETUS® HIPERSYN OILS			
ISO Grade	540597	540598	540584
Product Code	32	46	68
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 <sup>2</sup> /s @ 40°C	30.4	43.7	68.6
mm <sup>2</sup> /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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## Performance standards

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

### 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 [www.caltex.com](http://www.caltex.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Global Lubricants**  
 – Asia Pacific