CETUS® DE
32, 68, 100, 150

PRODUCT DESCRIPTION

Cetus® DE oils are used for portable and stationary rotary screw, rotary vane, and reciprocating compressors.

CUSTOMER BENEFITS

Cetus DE oils deliver value through:

- **Long life** — Cetus DE oils have a low sludge-forming tendency and a high solvency for deposits that help to keep compressor parts clean. Their ability to minimize oil consumption, carry over, varnish, sludge, and deposits; as well as maximize deposit-free valve life helps minimize compressor maintenance and energy costs.
- **Ignition safety** — Cetus DE oils provide a greater margin of safety than conventional petroleum products because their flash points, fire points, and auto ignition temperatures are much higher. They are not, however, true fire resistant fluids.

FEATURES

Cetus DE oils are synthetic diester-based, oxidation resistant, compressor oils.

APPLICATIONS

Cetus DE oils are used for portable and stationary rotary screw, rotary vane, and reciprocating compressors. While specific manufacturer recommendations vary, the ISO 32 and ISO 68 grades are most commonly used for rotary compressors, while higher viscosity grades are preferred for reciprocating units.

These oils can be used in compressors with the following gases: process air, benzene, butadiene, carbon dioxide (dry), carbon monoxide, ethylene, furnace (crack) gas, helium, hydrocarbon gases, hydrogen, inert gases, methane, natural gas, nitrogen, propane, sulfur hexafluoride, and synthesis gas.

Cetus DE oils can be used in contact with the following seals, paints, and plastics:

- Viton
- High nitrile Buna N
- Teflon
- Epoxy paint
- Oil-resistant alkyd
- Nylon
- Delrin
- Celcon

These oils should not be used with:

- Neoprene
- SBR rubber
- Low nitrile Buna N
- Acrylic paint
- Lacquer
- Polystyrene
- PVC
- ABS

Cetus DE 100 is approved by:

- Matsubara Iron Works Co. Ltd, for use as a reciprocating air compressor lubricant.
- Tanabe Pneumatic Machinery Co. Ltd, for use in type H series reciprocating compressors.

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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Cetus® DE 100 **meets the specification** ISO 6743-3 DAB, which was developed for reciprocating air compressors working in severe conditions.

Cetus DE 100 also meets the specification of Indonesia Lemigas NPT Number.

Cetus DE oils are registered by **NSF** and are acceptable as lubricants where there is no possibility of food contact (H2) in and around food processing areas. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Do not use in breathing air apparatus or medical equipment.

TYPICAL TEST DATA

ISO Grade	32	68	100	150
Product Number	*293020*	*293021*	*293022*	*293023*
SDS Number	*27070*	*27070*	*27070*	*27070*
API Gravity	23.1	16.7	15.9	17.5
Viscosity, Kinematic cSt at 40°C cSt at 100°C	 32.0 5.5	 67.5 7.5	 95 10.1	 155 14.0
Viscosity Index	108	66	84	85
Flash Point, °C(°F)	232(449)	232(449)	232(449)	232(449)
Pour Point, °C(°F)	-28(-18)	-28(-18)	-28(-18)	-28(-18)

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

CONTACT INFORMATION

You can contact Chevron Global Lubricants in the United States in several ways, depending on your question or requirement, please review the following options:

General Questions and Feedback

Chevron Information Center: 800-533-6571

USA Customer Service: 1-800-526-3013

LUBETEK technical staff: lubetek@chevron.com

To locate the Chevron Lubrication Marketer or agent nearest you, visit www.chevronlubricants.com, select an industry and click on "Marketer Locator" or call 1-800-822-5823.

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