



CETUS[®] PAO ISOCLEAN[®] CERTIFIED LUBRICANT 32, 46, 68, 100, 150

PRODUCT DESCRIPTION

Cetus[®] PAO ISOCLEAN[®] Certified Lubricants are synthetic air compressor lubricants formulated with high quality PAO base fluids and a high performance additive package. Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



- **Minimal maintenance and downtime** — Helps promote long service intervals which can minimize operating costs.
- **Low volatility and excellent air release tendency** — Helps to reduce oil carryover downstream and less makeup oil is needed.

FEATURES

Cetus PAO ISOCLEAN Certified Lubricants are synthetic air compressor lubricants formulated with the highest quality polyalphaolefin (PAO) base fluids.

They provide excellent thermal and oxidation stability, high viscosity index, high flash point, low pour point, and excellent hydrolytic stability.

Cetus PAO ISOCLEAN Certified Lubricants protect against rust, oxidation, and foaming, and have ashless antiwear properties.

Cetus[®] PAO ISOCLEAN[®] Certified Lubricants are designed to meet the requirements of modern higher output, more efficient air compressors. These units are more compact and operate at higher speeds than older compressors, resulting in higher temperatures. As temperatures increase, deposit formation on valves and air separators can also increase.



The high thermal and oxidation stability extends crankcase drain intervals compared with those obtained with mineral oils. Compressor operators can realize minimal equipment downtime and used oil disposal costs.

Valve cleanliness is maintained by the excellent thermal and oxidation stability and low carbon-forming tendencies of this product. Clean valves help minimize

CUSTOMER BENEFITS

Cetus PAO ISOCLEAN Certified Lubricants deliver value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **Exceptional thermal and oxidation stability** — Long lubricant life in high temperature operations.
- **Long machinery life and maximum compressor efficiency** — Low carbon-forming tendency minimizes deposits.
- **Long drain intervals** — Long lubricant life means less frequent oil changes.

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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IO-300 ISOCLEAN

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recompression, maximize compressor efficiencies and minimize maintenance shutdown costs.

Compressor users can realize savings in maintenance and lubrication costs through longer drain intervals offered by Cetus PAO compared to mineral oil based products.

In addition, they will find compatibility with most elastomeric seal materials that are used with mineral oil-based compressor lubricants.

APPLICATIONS

Cetus® PAO ISOCLEAN® Certified Lubricants are formulated to provide excellent lubricating qualities for many air compressors, especially portable and stationary rotary and screw compressors as well as single-stage, two-stage, and multistage reciprocating compressors.

While specific manufacturer recommendations vary, the **ISO 32, 46** and **68** grades are most commonly used for rotary air compressors, while higher viscosity grades are preferred for reciprocating air compressors.

Since reciprocating compressors require both a crankcase lubricant and a cylinder lubricant, Cetus PAO oils are formulated to meet this dual requirement.

Cetus PAO ISOCLEAN Certified Lubricant 68 has especially been developed for the lubrication of turbochargers in marine diesel engines, where two separate lubricating oil systems are in place.

Cetus PAO ISOCLEAN Certified Lubricants meet the requirements of:

- **DIN** 51506 VDL standard

Cetus PAO ISOCLEAN Certified Lubricant 68 is approved for:

- ABB VTR.4 turbochargers. Fulfills the requirements as low friction lubricant for a 5000 hour drain interval.

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.

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

TYPICAL TEST DATA

ISO Grade	32	46	68	100	150
<i>Product Number</i>	293137	293138	293139	293140	293141
<i>SDS Number</i>					
<i>U.S.</i>	28999	28999	28999	28999	28999
<i>Canada</i>	29783	29783	29783	29783	29783
<i>Mexico</i>	39926	39926	39926	39926	39926
API Gravity	30.6	36.6	36.0	35.4	34.6
Viscosity, Kinematic					
cSt at 40°C	32.0	46.0	68.0	100	150
cSt at 100°C	6.1	8.1	10.4	14.0	19.0
Viscosity, Saybolt					
SUS at 100°F	150	214	316	464	695
SUS at 210°F	45.6	51.4	60.6	74.0	93.8
Viscosity Index	134	136	141	142	145
Flash Point, °C(°F)	250(482)	250(482)	240(464)	260(500)	266(510)
Pour Point, °C(°F)	-45(-49)	-46(-51)	-47(-53)	-48(-54)	-49(-56)

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

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.