



TEGRA[®] SYNTHETIC COMPRESSOR OILS

ISO 32, 46, 68, 100, 150

PRODUCT DESCRIPTION

Tegra[®] Synthetic Compressor Oils are synthetic compressor lubricants formulated with high quality PAO base fluids.

CUSTOMER BENEFITS

Tegra Synthetic Compressor Oils deliver value through:

- **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**
- **Minimal maintenance and downtime** — Helps promote long service intervals which can minimize operating costs.

FEATURES

Tegra Synthetic Compressor Oils are synthetic 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.

Tegra Synthetic Compressor Oils protect against rust, oxidation, and foaming, and have ashless antiwear properties.

Tegra Synthetic Compressor Oils are designed to meet the requirements of modern higher output, more efficient 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. Tegra Synthetic Compressor Oils provide the performance demanded by these compressors. Users will experience minimal

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.

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carbon, varnish, and sludge deposits on valves and air separators.

Exceptional oxidation stability extends crankcase drain intervals many times 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 recompression, maximize compressor efficiencies and minimize maintenance shutdown costs.

Compressor users can obtain substantial savings in maintenance and lubrication costs by converting to Tegra Synthetic Compressor Oils. Savings can be realized with long oil drain intervals. Because of low volatility, fluid consumption is minimal.

In addition, they will find compatibility with paints, seals, plastics, and other types of construction materials.

Risks from potential fires and explosions are reduced with Tegra Synthetic Compressor Oils. The lower carbon-forming tendencies and the higher flash points, fire points, and autoignition temperatures all contribute to maximizing compressor safety.

APPLICATIONS

Tegra Synthetic Compressor Oils are formulated to provide exceptional lubricating qualities for many compressors, especially portable and stationary rotary vane and screw compressors as well as single-stage, two-stage, and multistage 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.

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Tegra® Synthetic Compressor Oils — Continued

Since reciprocating compressors require both a crankcase lubricant and a cylinder lubricant, Tegra® Synthetic Compressor Oils are formulated to meet this dual requirement.

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	46	68	100	150
<i>Product Number</i>	259129	273220	259130	259128	233880
<i>MSDS Number</i>	16813	23532	16813	16813	17011
API Gravity	38.1	37.4	36.5	36.1	35.9
Viscosity, Kinematic cSt at 40°C cSt at 100°C	30.4 5.8	43.7 7.40	64.6 10.0	95.0 13.4	150 18.9
Viscosity, Saybolt SUS at 100°F SUS at 210°F	156 45.6	223 51.0	330 60.0	487 73.2	695 93.8
Viscosity Index	135	134	139	142	143
Flash Point, °C(°F)	252(486)	258(496)	252(504)	262(504)	266(510)
Pour Point, °C(°F)	<-56(<-69)	<-56(<-69)	<-56(<-69)	-47(-53)	-43(-44)
Fire Point, °C(°F)	271(520)	277(530)	282(540)	282(540)	290(554)

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

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