

What is the difference between PneuLube and the New MD Oil program?

- MD-Kinney has spent the last several months better understanding our oil and how our blowers and boosters are impacted by temperature. The result is a comprehensive oil program that focuses on the specific operating conditions rather than an ISO grade.
- The list of elemental additives in MD oils is slightly different than PneuLube and is specifically formulated for MD-Kinney's high-performing products.
- We have added two new grades of MD oil to address high temperature challenges often seen by blowers and boosters which can see temperatures above 300°F.
- MD-Kinney now offers an Oil Sample Analysis kit for use with MD oils. Oil sampling is the only way to ensure that effective preventative maintenance programs are in place. You may use this as a selling tool or added value for converting customers to MD oils.

Why should I switch from what I am using?

- MD-Kinney is known for high quality blowers and vacuum boosters that often operate at high temperatures. Thermal mapping results have shown that blower oil temperatures can meet or even exceed the outlet temperatures. These high temperatures require a high-performance oil to get the maximum operating time and results.
- When your customers see the difference in fewer failures, fewer oil changes and lower repair costs, they will appreciate the total cost savings that our high-quality MD lubricants provide to them.
- You now have a complete MD-Kinney factory branded oil program that addresses the specific lubrication challenges that operators see.

What is the ISO grade of MD oils?

- The decision of which oil to use is much greater than the ISO grade. A mineral oil and a full synthetic can both be ISO 100 but are very different products with different performance results. The formulation of MD oil is proprietary and SDS sheets are available on our website.

What MD Oil replaces the current ISO 150?

- The measure of oil is much more than the ISO rating. MD-Kinney has developed a tool which will help determine which MD oil to use based on the product model, inlet & discharge temperatures, and speed for your specific application. This gives a precise and confident selection of MD oil versus other suppliers who select based solely on ISO or ambient condition.



What MD Oil do we use in place of the current ISO 150? (Continued)

- MD One could be used in place of PneuLube 100 however use of the MD Lubricants Recommendation tool can help to ensure that you're using the right oil for your application.
- MD Plus could be used in place of PneuLube 150 however use of the MD Lubricants Recommendation tool can help to ensure that you're using the right oil for your application.

Can I request “no oil”?

- MD oil will be shipped with every blower and booster. If you need an oil for higher temperatures, food grade or oxygen applications, contact MD-Kinney for factory options.

Does the blower/booster price change as a result of the oil addition?

- Yes, the addition of oil has been included in the price of the product as of January of 2020.

Why are you switching your booster recommendation from KV100 to MD One?

- MD One provides better protection than KV100 because it is a full synthetic PAO with unique additives to give longer life. These additives help to resist against thermal and oxidation resistance, prevent wear on components, tolerate wider temperature ranges, and improved lubricity.
- All boosters will be shipped with MD One oil as the standard.

Why won't the oil I have been using work? It says that it is a synthetic.

- Not all oils are equal. You wouldn't put transmission fluid in your car engine, would you? To legally be called a “synthetic”, an oil only needs a small percentage of additives. These Synthetic Blends and Semi-Synthetics can have a very wide range of performance additive content resulting in a less expensive oil but result in an average life that is half of a full synthetic. Semi synthetics start to oxidize and degrade at 180°F. Inexpensive mineral oils need to be changed 5 times as often as a full synthetic and begin to oxidize at only 160°F. These other oils may be lower in price at the initial purchase but in the end the cost for the end user can triple.

What other alternative oils can I use instead of MD-Kinney's MD Oils?

- MD-Kinney does not recommend the use of other alternative oils. No other lubricant is an exact equal formulation to MD Oils. We do not know the chemical formulation of other oils therefore; we cannot estimate how they would perform in our products. Using other alternative oils may result in improper lubrication, decreased product performance, or unit failure which may affect your warranty. Great care and consideration should be taken to select any other oil brand.
- Due to the wide variability of composition in “Synthetic Lubricants” in the market, we recommend that you also “factor down” the oil change life compared to the average 8,000-hour life of MD oil.

Will my warranty be affected if I do not use MD-Kinney's MD Oils?

- We realize that there are customers that may want to use other oils for various reasons, and it is their choice to do so. However, a failure due to improper lubrication or product performance issues as a result of using another oil will not be covered under MD-Kinney's warranty plan. Great care and consideration should be taken to select any other oil brand.

Your price has been too high. How can I compete?

- Nearly always when we hear about price differences between MD oil and another oil, we discover that the other oil is not a full synthetic PAO. "Synthetic oils" only have a small percentage of additives. The adage of "You get what you pay for.", applies to oil.
- You can't compare the price of MD lubricants with any synthetic blend, semi-synthetic or mineral oil.

M-D Pneumatics Lubrication Recommendation

The selection of the correct lubricant is an important decision. The application and operating conditions must be taken into consideration to achieve maximum performance and life of the product. Determination of lubricant should not be decided solely on ambient temperature. M-D Pneumatics provides a recommendation tool for its MD lubricants based on discharge temperature, inlet temperature, RPM, and model to better safeguard that you are selecting the right lubricant. The chart below is for informational guidance only. Contact M-D Pneumatics or a M-D Pneumatics distributor for assistance in choosing the best lubricant for your specific application and operating conditions.

		DISCHARGE TEMPERATURE (°F)										
		150	170	190	210	230	250	270	290	310	330	350
RPM	1150	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX
	1395	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX
	1640	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX	MD MAX
	1885	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	2130	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	2375	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	2620	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	2865	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	3110	MD ONE	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	3355	MD ONE	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX
	3600	MD ONE	MD ONE	MD ONE	MD ONE	MD PLUS	MD PLUS	MD PLUS	MD MAX	MD MAX	MD MAX	MD MAX

Ordering Made Easy

M-D Pneumatics lubricants are available in a variety of convenient quantities and sizes.
Contact your local M-D Pneumatics distributor or contact M-D Pneumatics directly at 1-800-825-6937.

	QUART	GALLON	5 GALLON	55 GALLON BARREL	CASE - 12 QUARTS
MD ONE	16444-MD1-Q	16444-MD1-G	16444-MD1-5G	16444-MD1-B	16444-MD1-Q-C
MD PLUS	16444-MD2-Q	16444-MD2-G	16444-MD2-5G	16444-MD2-B	16444-MD2-Q-C
MD MAX	16444-MD3-Q	16444-MD3-G	16444-MD3-5G	16444-MD3-B	16444-MD3-Q-C
MD FG	16444-MD1-Q-FG	16444-MD1-G-FG	16444-MD1-5G-FG	16444-MD1-B-FG	16444-MD1-Q-C-FG

CONTACT US

For more information, contact your
Regional Sales Manager or call us at:

1-800-825-6937

Your Local M-D Pneumatics Sales Professional: