

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

- Tuthill 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 Tuthill'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.
- Tuthill 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?

- Tuthill 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 Tuthill 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 Tuthill MD oil is proprietary and SDS sheets are available on our website.

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

- The measure of oil is much more than the ISO rating. Tuthill 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.

Tuthill's MD Lubrication Program FAQ



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 Tuthill 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 Tuthill Lubricants Recommendation tool can help to ensure that you're using the right oil for your application.

When will MD oil start shipping with blowers?

- MD oil will begin shipping with all positive displacement blowers and booster in January 2020. MD One will be the standard oil unless otherwise specified at the time of order.

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 Tuthill 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 starting in January of 2020.

I have PneuLube in stock. Is it OK to use?

- PneuLube is acceptable to continue using until you have depleted your inventory. After January 2020, PneuLube will be replaced with the improved MD lubricants.
- Operator's Manuals will be updated to include the new MD lubricants. The electronic updated Operator's Manuals will be available in January. The printed Operator's Manuals will be phased in during the year as current inventory is depleted.

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

- 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.
- Starting in early 2020, all boosters will be shipped with MD One oil as the standard.

Tuthill's MD Lubrication Program FAQ



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 Tuthill's MD Oils?

- Tuthill does not recommend the use of other alternative oils. No other lubricant is an exact equal formulation to Tuthill's 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 Tuthill'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 Tuthill'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 Tuthill 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.
- Tuthill is adjusting the 2020 price of its oil to be in alignment with the market price for comparable high quality, full synthetic lubricants.
- You can't compare the price of MD lubricants with any synthetic blend, semi-synthetic or mineral oil.