

Tuthill MD Lubricants

Tuthill positive displacement blowers and boosters are known worldwide for superior quality and performance. Tuthill's MD full synthetic lubricants are specifically formulated for use in Tuthill's high-performing blowers and boosters and are the only lubricants recommended. MD lubricants ensures the highest quality of operation, allowing you to achieve a longer life over mineral oil or semi-synthetic lubricants due to our specific formulation, especially in high temperature conditions.

Improper lubrication is one of the main causes of blower and booster failures. Don't take a chance using anything other than MD lubricants by Tuthill.

Features & Benefits

Formulated for Extreme Temperatures

Positive displacement blowers and boosters can often operate at temperatures near 300°F. These extreme operating temperatures require a full synthetic lubricant that is blended from synthetic hydrocarbon polyalphaolefin (PAO) to ensure maximum performance and product life.

Anti-wear and Anti-foaming

MD full synthetic lubricants contain a formulation of anti-wear and anti-foaming additives that are specifically designed to prolong the life of Tuthill blowers and boosters.

Extend Oil Life & Reduce Downtime

MD full synthetic lubricants can last up to 5 times longer than mineral oil and twice as long as many semi-synthetic lubricants, meaning fewer oil change intervals, reduced downtime, and greater cost savings.



MD ONE

MD ONE is a great all-purpose, full synthetic lubricant suited for most blower and booster applications, working well in low or high ambient conditions. It is formulated using synthesized hydrocarbon fluid and select additives to enhance oxidation resistance and provide maximum protection against wear, rust corrosion, and foaming.



MD PLUS

MD PLUS full synthetic lubricant provides significantly better thermal and oxidation stability at higher temperatures. Compared to mineral oil, MD PLUS contains specific additives that reduce oxidation, protect against breakdown of the lubricant, and greatly prolongs the life of the oil.



MD MAX

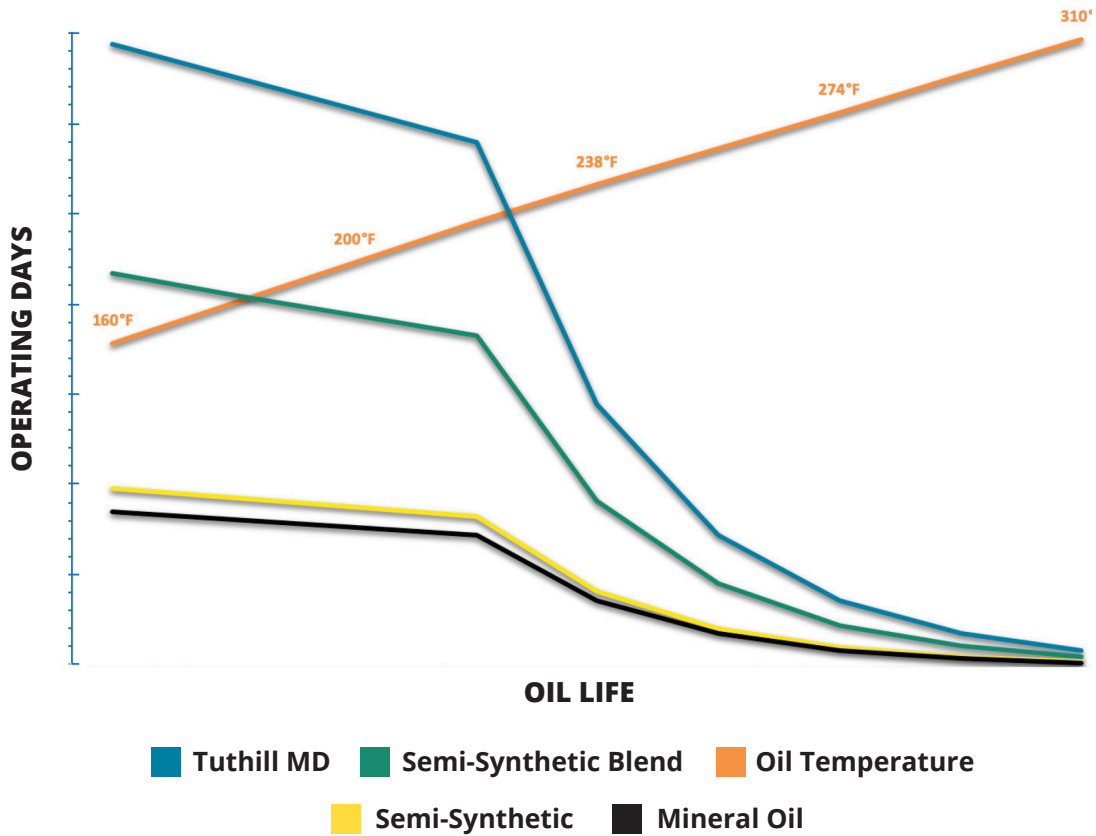
MD MAX full synthetic lubricant provides the highest protection against maximum operating temperatures for blower and booster applications. The viscosity and the additive formulation of MD MAX creates an additional layer of protection for the gears, bearings, and seals to increase durability and maintain adequate endurance in extreme operating conditions.



MD FG

MD FG is a full synthetic lubricant that is approved by the CFIA and the USDA for H-1 applications that is compliant with FDA 21 CFR 178.3570 requirements. In addition, the MD FG is Halal Certified by the Islamic Food and Nutrition Council of America as well as Kosher compliant. MD FG oil is fortified with oxidation inhibitors, corrosion inhibitors, and anti-wear additives to enhance the superior qualities offered by the synthetic hydrocarbon base stock.

Oil Temperature vs. Oil Life



MD Lubricants Physical Properties:

PRODUCTS	MD ONE	MD PLUS	MD MAX	MD FG
Viscosity Index	150	154	157	141
@40°C, CST	99.1	231.7	340.9	99.3
@100°C, CST	14.4	27.6	37.2	13.9
Flash Point °F (°C)	510 (266)	480 (249)	491 (255)	515 (268)
Pour Point °F (°C)	-44 (-43)	-49 (-45)	-54 (-48)	-60 (-51)

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