



Forsythe®

SINCE 1911 - FORSYTHE.ON.CA

BioLogik

MADE GREEN & CLEAN IN CANADA
SUCCESS IN SUSTAINABILITY

TECHNICAL DATA

BIOLOGIK SYNTHETIC COMPRESSOR FLUIDS

Optimize Efficiency and Protect the Planet with BioLogik Premium Biodegradable Synthetic Compressor Oils

Discover a new standard in performance and sustainability with Forsythe BioLogik Premium Biodegradable Synthetic Compressor Oils. Specifically designed to meet the demanding needs of modern air and gas compressors, these advanced oils deliver exceptional lubrication, superior thermal stability, and outstanding protection, all while prioritizing environmental responsibility.

Formulated with cutting-edge biodegradable synthetic base oils and eco-friendly additives, BioLogik compressor oils ensure optimal performance in high-pressure and high-temperature environments. Low volatility reduces oil consumption and minimizes deposits, keeping your equipment running smoothly and efficiently for extended service intervals.

Ideal for industries where environmental compliance is critical—such as food processing, pharmaceuticals, and environmentally sensitive operations—BioLogik oils break down quickly if spilled, reducing the risk of long-term ecological harm. Despite the eco-friendly design, BioLogik Synthetic Compressor Fluids offer the same high level of protection and efficiency as traditional synthetic compressor oils.

Choose BioLogik Premium Biodegradable Synthetic Compressor Oils for a solution that keeps your equipment running at peak performance while safeguarding the planet. With BioLogik oils, you don't have to choose between superior performance and environmental stewardship—you can have both.

FEATURES/BENEFITS

Meets Certification

- Biodegradable Formulation (OECD301B)
- Environmentally Acceptable Lubricant (EAL)
- USA EPA 2013 Vessel General Permit

Readily Biodegradable

- Biodegrades 60%+ in 28 days
- Non-Toxic (low aquatic toxicity)
- Formulated minimum of 80% renewable resources

Superior Performance

- High VI - Excellent performance over a wide temperature range
- Exceptional Wear Protection, Hydrolytic, and Thermal Stability
- Protects against rust and resists oxidation
- Low vapour pressure – less volatility and oil consumption
- High flash point – safer operating conditions

Extended Fluid Life

- Fewer oil changes - allows for extended drain intervals up to 4X
- Exceptional water and debris separation – controls sludge and varnish
- Keeps systems clean for extended periods

Compatibility

- Compatible with most conventional mineral based compressor oils
- Compatible with most synthetic based compressor oils
- Compatible with a large range of metals, coatings, and elastomers



For more information | 1-800-363-2759 | gforsythe@forsythe.on.ca

All technical information, recommendations and statements contained herein are based on tests we believe to be reliable. It is offered in good faith but without guarantee. We make no warranty expressed or implied as to the suitability of our product for any particular use in operations not under our direct control. Liability is limited to the net purchase price of the product.

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Lubrication
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TYPICAL SPECIFICATIONS

PERFORMANCE DATA	ASTM	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
Viscosity, cSt @ 40°C	D-445	44	44	68	100	150
Viscosity, cSt @ 100°C	D-445	6.84	8.50	11.89	15.82	21.05
Viscosity Index	D-2270	180	173	175	169	165
Density	(g/ml)	.901	.906	.907	.911	.916
Pour Point °C	D-97	-45	-35	-30	-30	-30
Flash Point °C	D-92	>200	>220	>263	>263	>263
Colour	Visual	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow



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