

Novvi™ Air Compressor Oil

ISO 32/46/68

High Performance Synthetic
Renewable Lubricant



Novvi™ Air Compressor Oil is an advanced synthetic lubricant formulated for use in compression applications with direct air/oil contact. This technology allows the formulation of a compressor oil with the highest levels of performance and reduced environmental impact. Operating cost reduction is expected based on decreased energy consumption and extended drain intervals. Novvi Compressor Oil is compatible with mineral oils and can be used to top off and replace existing fluids. Stored, handled, and disposed of in the same way as mineral oil, it can be seamlessly introduced to operations and immediately contributes to overall performance and environmental goals.

HIGHLIGHTS

FEATURES	BENEFITS
Outstanding oxidation stability	Increased drain interval, reducing operating cost
Excellent heat transfer capabilities	Cooler compressor operation
Environmentally friendly	Renewable, biodegradable (ISO 32 & 46 grades), and non-toxic for wide range of regulated applications
Fast air release	Increased lubrication quality
Rapid water separation	Minimizes the risk of emulsions which could block the oil separator element
Compatible with other oils & seals	Eliminates risk of equipment damage during a fluid change

TYPES

- Rotary screw
- Reciprocating
- Vane

APPLICATIONS

- Vessel General Permit
- Food Service
- Industrial Equipment
- Mining
- Off-shore

Novvi™ Air Compressor Oil

SPECIFICATIONS

PERFORMANCE WILL MEET OR EXCEED

OEM Requirements

USDA BioPreferred: % of bio-based content will satisfy requirements for USDA BioPreferred Federal Procurement Program

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 32	ISO 46	ISO 68
Viscosity @ 40°C, cSt	ASTM D445	32	46	68
Viscosity @ 100°C, cSt	ASTM D445	5.9	7.5	9.8
Viscosity Index	ASTM D2270	131	126	127
Specific Gravity @ 15°C	ASTM D1298	0.82	0.82	0.82
Pour Point, °C	ASTM D97	<-42	-51	<-42
Flash Point, °C	ASTM D92	238	254	>254
Copper Corrosion	ASTM D130	1A	1A	1A
Rust Characteristics, Proc. A	ASTM D665	Pass	Pass	Pass
Demulsibility	ASTM D1401	40/40/0	40/40/0	40/40/0
Air Release, minutes	ASTM D3427	<3	<3	<3
Foam	ASTM D892			
Sequence I		0/0	0/0	0/0
Sequence II		0/0	0/0	0/0
Sequence III		0/0	0/0	0/0
Four ball wear (75 °C, 1200 rpm, 40 kg, 60 min), mm	ASTM D4172	0.46	0.42	0.42

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.



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