



Renewable Lubricants, Inc.

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Bio-Air Compressor™ Fluid **(AC-30)**



"Bio-based Lubricants that Perform Like Synthetics"

Bio-AC-30 Fluid is an ultimately biodegradable¹ bio-based/synthetic formula that replaces hydrocarbon oil based compressor fluids. The super high viscosity index of the HOBS is combined with a bio-based synthetic ester that improves the thermal shear stability of the formula and increases load capacity. The HOBS's extremely low volatility increases the flash and fire safety features in the formula. Bio-AC-30 bio-base fluid should be used where low temperature properties, improved oxidation stability, excellent anti-wear performance, low toxicity, and BIODEGRADABILITY properties are required.

Bio-AC-30 is an ENVIRONMENTALLY RESPONSIBLE compressor fluid that is formulated from renewable agricultural plant resources. We believe Earth's environmental future rests in the use of renewable materials.

- ◆ Excellent Lubrication
- ◆ Environmentally Non-Toxic
- ◆ Energy Conserving
- ◆ Heavy Metal Free
- ◆ Super High Viscosity Index
- ◆ Excellent Oxidative Stability

Typical Specifications

SAE Grade	30
Specific Gravity @ 60° F.	.886
Pounds/Gallon @ 60° F.	7.383
VISCOSITIES: @ 100° C., cSt.	10.5
@ 40° C., cSt.	51.27
SAE Winter Grade	10W
MRV (TP-1) @ ° C, cP	-30 <60,000
Viscosity Index	200
Flash Point, COC° C.	247
Pour Point, ° C.	-35
Oxidation Stability D-943 (Dry), hr.	>1500
Rotary Bomb Oxidation Test (D-2272)	>600
Copper Corrosion Strip 3hr @ 100° C	1A
4 Ball Wear, 1h, 167° F, 1200 RPM, 40kg	.40(max.)
FZG Test	12
Hydrolytic Stability, (D-2619)	Pass
Foam Sequence I, II, III (D-892)	Pass
Rust Prevention, (D-665 A&B)	Pass

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

¹ Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants
Patented Product: US Patent 6,383,992, US Patent 6,534,454 with additional Pending and Foreign Patents

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Availability **F.O.B.: Bolton, ON, Canada**

5 Gallon Pails **Drums** **Bulk**