

## PRODUCT INFORMATION

# ECOSE® COMPRESSOR PG

**ECOSE® Compressor PG** fluid is a blend of 100% synthetic polyglycol/ester base stocks that utilize a proprietary additive system specifically designed to address the high pressures and elevated discharge temperatures of hard working rotary screw and rotary vane air compressors.

**ECOSE® Compressor PG** out-performs and offers many advantages over mineral-based oils by eliminating varnish and sludge build-up normally associated with hydrocarbon oils. It also provides excellent thermal and oxidation characteristics that can provide extended drain intervals; typically, under normal operating conditions of 8000 hours. It is strongly recommended that prior to installing **ECOSE® Compressor PG** in systems that have been running on mineral oil to thoroughly drain and flush as outlined by compressor manufacturer.

### FEATURES AND BENEFITS:

- Virtually no carbon formation provides for cooler running
- Good biodegradability characteristics
- High viscosity indexes offer outstanding all season performance
- Excellent resistance to rust and oxidation

**ECOSE® Compressor PG 32** is formulated for use in flooded rotary screw, lobe and vane compressors and some vacuum pumps. **ECOSE® Compressor PG 32** is suitable for use in many Ingersoll-Rand and Sullair rotary compressors. It is formulated for use in Sullair rotary compressors which require Sullube 32 as factory fill.

**ECOSE® Compressor PG 46** has been recommended for use against Ingersoll Rand SSR Ultra Coolant and other compressor applications presently using OEM type PAG/POE oils.

### COMPATIBILITIES:

This product is compatible with the following seal and elastomeric materials: Viton, High Nitrile, Buna N, Nylon, Delrin, Celcon, PBT, Oil-Resistant Alkyd, and Teflon.

### AVAILABILITY:

**ECOSE® Compressor PG** is available throughout Nu-Tier Brand's marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).

### Typical Properties

ISO Viscosity		32	46	68
<b>Product Code</b>	<b>Test Method</b>	538301	538302	538303
Viscosity @ 40°C, cSt	ASTM D-445	37.2	47.4	67.5
Viscosity @ 100°C, cSt	ASTM D-445	6.8	8.7	11.5
Viscosity Index	ASTM D-2270	143	164	166
Pour Point, °C	ASTM D-97	-55	-62	-30
Flash Point, °C	ASTM D-92	210	210	210
TAN, mg KOH/g	ASTM D-664	0.25	0.3	0.6
Four Ball Wear, 1200 rpm 75°C, 40kg, 1 hr, mm	ASTM D-4172	0.60	0.5	<0.45
Corrosion-Oxidation Stability 190°C, 24 hr, viscosity change, % TAN change, mg KOH/g	FTM 791-5308	5.76 0.52	1.2 0.05	-1.44 0.27
Copper Strip Corrosion, 3 hr @100°C	ASTM D-130	1b	1b	1b