

# **ANDEROL<sup>®</sup> GTP 46**

## ROTARY COMPRESSOR LUBRICANTS

### **DESCRIPTION**

**ANDEROL<sup>®</sup> GTP 46** compressor lubricant is formulated from synergistic blends of severely refined hydrocarbon base fluids coupled with a high performance additive package that provides a high level of performance in rotary screw air compression applications and other rotating equipment applications requiring an ISO 46 lubricant.

### **APPLICATIONS**

- Oil flooded (spray) rotary screw and vane compressors
- Centrifugal compressors
- Other applications requiring an oxidation resistant lubricant
- Normal operating Temperature range: -20°C to 190°C

### **ADVANTAGES**

- Fewer Oil Changes
- High Oxidative and Thermal Stability
- Higher system operating temperatures and lower start temperature
- Compatible with mineral oils and elastomers common to mineral oil systems
- Lower oil consumption
- Compatible with most synthetics including PAOs and esters
- Eliminate Seasonal Oil Changes
- Superb Deposit and Sludge Control
- Power savings versus conventional oil
- Reduced maintenance and parts cost
- Extend drain intervals

### **APPROVALS and SPECIFICATIONS**

**ANDEROL<sup>®</sup> GTP 46** meets the criteria of:

- DIN 51506 VB/VBL ISO 46
- ISO 6743 DAH

## TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL <sup>®</sup> GTP 46
Viscosity, cSt		
@ 40°C	ASTM D 445	42.9
@ 100°C	ASTM D 445	7.31
Viscosity Index	ASTM D 2270	134
Pour Point , °C	ASTM D 97	-33
Flash Point , COC, °C	ASTM D 92	260
Density @ 15°C, g/cm <sup>3</sup>	ASTM D 1298	0.847
TAN , mg KOH/g	ASTM D 974	0.13
Copper Strip Corrosion , 3 hrs @ 100°C	ASTM D 130	1a
Rust Test A method B method	ASTM D665	Pass Pass
Foam Tendency, Seq. I, II, III (ml foam)	ASTM D 892	0/0, 0/0, 0/0
Four-Ball Wear, mm 1200 rpm, 167°F (75°C), 40 kg, 1 hour	ASTM D 4172	0.45
Demulsibility @ 54°C, min	ASTM D 1401	5
RPVOT, minutes	ASTM D 2272	2842

## COMPATIBILITY

Anderol hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an Anderol hydrocarbon based lubricant.

## PACKAGING

ANDEROL<sup>®</sup> GTP 46 are available in 17 kg pails and 175 kg drums. Other packages may be available upon request.

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