



**H & B Industries, INC**  
Dallas, Texas  
(214) 350-1984

**H & B Supply, INC.**  
Temple, Texas  
(254) 985-2525

**TECHNICAL DATA SHEET**

# **HB-1282**

## **SYN-LUBE COMPRESSOR LUBE**

### **(Rotary Screw and Vane Compressors)**

#### **SYN-LUBE PAO {Polyalphaolefin} SERIES**

#### **DESCRIPTION:**

- Formulated from the highest quality base fluids combined with the most thoroughly researched, most technologically advanced additives available.
- Designed for use with rotary vane and rotary screw compressors.
- Outperforms mineral oils by a broad margin, but in many cases, are much superior to any diester lubricant.
- In addition to fire inhibiting properties, possesses other important characteristics that lead to safe, effective and efficient compressor performance.
- Provides better thermal and oxidation stability than conventional mineral oils.
- Has naturally high viscosity indexes as compared to mineral oils, providing lower viscosity at lower temperatures and higher at higher temperatures.
- The use of PAO base oils also protects against the loss of viscosity as a result of mechanical shearing, even in heavily loaded gear applications.

#### **TYPICAL OPERATING CONDITIONS:**

Air compressors operating at extremely low or high temperatures require an oil with superior thermal and oxidation resistance. Improper flow at low temperatures, or viscosity breakdown and carbon deposit formation at high temperatures very often prohibits the use of mineral oil based fluids. These conditions and/or extended oil drain intervals require the use of a non-carbonizing fluid such as SYN-LUBE Synthetic Lubricant.

#### **USES:**

SYN-LUBE ISO viscosity grades 32 and 46 are ideal for use in rotary vane and screw type air compressors, turbines, and vacuum pumps. HB-1282 is compatible with most seal materials.

**SPECIFICATIONS:**

<b>SYN-LUBE</b>	<b>ISO 32</b>	<b>ISO 46</b>	<b>ISO 100</b>
Specific Gravity	.8612	.8748	.8835
Pour Point, F	-60	-65	-60
Flash Point, F	450	470	480
Viscosity	30.0	49	89.2
cSt @ 100F	5.6	7.9	12.7
cSt @ 210F	142	250	415
SUS @ 100F	44.5	54	59.8
SUS @ 210F			
Viscosity Index	143	144	146
Copper Corrosion ASTM D 130	lb	lb	lb
Rust Test ASTM D665A	Pass	Pass	Pass