

## **SENSYN DE 20**

**100% SYNTHETIC COMPRESSOR LUBRICANT  
DIESTER BASE FLUID  
(GROUP V)**

### **DESCRIPTION:**

**SenSyn DE 20** is a SAE 20 (ISO Viscosity Grade 68), 100% synthetic compressor lubricant fully formulated from the highest quality diester base fluids.

**SenSyn DE 20** is recommended for use in flooded rotary vane and screw type air compressors where a fluid of this viscosity is required.

### **BENEFITS:**

- Higher compressor efficiency
- Reduced systems deposits
- Lower energy costs
- Longer lubricant service life
- Higher compressor reliability
- Safer compressor operation

### **PRODUCTS FEATURES:**

- Clean operation - lowest deposit forming tendencies
- Extended lubricant life - excellent high temperature stability
- Long bearing life - superior anti-wear performance
- Less maintenance - excellent rust and corrosion protection
- Wide temperature range - high flash & fire points, low pour point
- High separation efficiency - excellent demulsibility characteristics
- Approved by USDA for H-2 (formerly BB) service

### **APPLICATIONS:**

- Circulating and splash lubricated rotary compressor systems
- Air line oilers serving valves/cylinder on pneumatic equipment
- Some gear, bearing, hydraulic and chain applications operating beyond petroleum oil capabilities.



## SENSYN DE 20

### COMPATIBILITY:

**SenSyn DE 20** is compatible with petroleum compressor lubricants, however, blending or mixing with other fluids will reduce its high performance characteristics.

**SenSyn DE 20** is recommended for use with fluorocarbon (Viton), fluorosilicone, polysulfide and high nitrile Buna-N elastomers. It is not recommended for use where neoprene, natural rubber, styrene-butadiene rubber (SBR, Buna-S), butyl rubber, or low nitrile Buna-N seals are present.

### SPECIFICATIONS:

PROPERTIES	TYPICAL RESULTS	ASTM TEST METHOD
Viscosity @ 100°C (212°F), cSt	7.,7	D-445
Viscosity @ 40°C (104°F), cSt	62	D-445
Viscosity Index	84	D-2270
Pour Point, °C (°F)	-37 (-35)	D-97
Fire Point, °C (°F)	282 (540)	D-92
Flash Point, °C, COC	254	D-92
Auto-ignition Temperature, °C (°F)	404 (760)	D-2155
Evaporation Loss, 22 hours @ 98.9 °C (210 °F), %	0.2	D-972
Density, lb/usg @ 15.6°C/15.6°C	7.89	D-1298
Total Acid Number, mgKOH/g	0.2	D-664
Water Content, wt %	0.02	D-1744
Conradson Carbon Residue, wt %	0.02	D-189
4-Ball Wear Scar, MM 1 Hour, 1200 rpm. 40 kg, 75 °C (167 °F)	0.45	D-2266
Demulsibility @ 54°C (130°F)	42-38-0 (5)	D-1401
Rust Test, 48 Hours - Distilled Water - Sea Water	Pass Pass	D-665A D-665B
Appearance	Amber Liquid	Visual