

# PRODUCT DATA SHEET



**NFG**  
**NON-FOOD GRADE**

## SYN-AIR DE NFG Series

### Diester Synthetic Compressor Lubricant

SYN-AIR DE Series combine synthetic ester base fluids with high performance additives to make this diester series of compressor lubricants an excellent choice for severe-duty compressors; especially those in high temperature or high pressure applications.

SYN-AIR DE Series compressor fluids include additives for Anti-Wear, Rust & Oxidization Resistance and Corrosion Inhibitors. Low pour points, high flash points and outstanding resistance to thermal degradation provide a wide operating temperature range (5°F to 445°F) without deposit formation. Excellent demulsibility characteristics reduce the potential for emulsion formation and carryover downstream.

Superior metal-wetting and lubricity provide wear protection and long lubricant life in

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Reciprocating Compressors
- Vacuum Pumps

Properties / Characteristics	SYN-AIR DE NFG	
ISO Grade	46	68
Viscosity @40°C, cSt @100°C, cSt	45 6.5	70 7
Viscosity Index	89	60
Flash Point, °F (°C)	496 258	531 277
Pour Point, °F (°C)	-40 -40	-44 -42
Copper Corrosion Test	1B	1A
Foaming Sequence I,II, III	<10/0	<10/0
Demulsibility	Excellent	Excellent
Evaporation	<1.0	1
Carbon Residue	<0.01	<0.01
Specific Gravity	0.96	0.96