

# PRODUCT DATA SHEET



## SYN-AIR NFG Series

### Synthetic Compressor Lubricant

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

**SYN-AIR NFG** is specially formulated for use in Rotary Screw, Centrifugal, Vane & Reciprocating compressors as well as Vacuum Pumps.

Formulated from the highest quality PAO (polyalphaolefin) synthetic base stocks and advanced additives, it easily out performs petroleum based lubricants as well as many other synthetics.

SYN-AIR NFG features a low pour point, a high flash point and a high viscosity index & excellent water demulsibility. It is designed for a typical service life of up to 8,000 hours (oil sample analysis is recommended).

SYN-AIR NFG is compatible with mineral oils and with most synthetics (although not compatible with PAG lubricants). It is also suitable for use with most commonly encountered seal materials and process gases.

Properties / Characteristics	SYN-AIR NFG				
	32	46	68	100	150
ISO Grade	32	46	68	100	150
Specific Gravity	0.84	0.086	0.086	0.86	0.86
Viscosity @40°C, cSt @100°C, cSt	32 5.5	48 7.9	68 10.3	99 14.5	156 18.3
Viscosity Index	140	134	139	150	131
Flash Point, °F (°C)	428 220	482 250	482 250	482 250	500 260
Pour Point, °F (°C)	-40 -40	-40 -40	-40 -40	-40 -40	-40 -40
Demulsibility, min.	40-40-0 (<5Mins)	40-40-0 (<5Mins)	40-40-0 (<5Mins)	40-40-0 (<5Mins)	40-40-0 (<5Mins)
Foaming Sequences I,II,III	<10/0	<10/0	<10/0	<10/0	<10/0
Copper Corrosion	1B	1B	1B	1B	1B
4 Ball Wear Scar Diameter , mm (40kg, 1200rpm, 75°C, 1 hr.)	<0.50	<0.50	<0.50	<0.50	<0.50