

Syn-NRG

Fully Synthetic Compressor Oils



ANTI-SLUDGING | FULLY SYNTHETIC | NON-SOLUBLE

Syn-NRG is designed to provide maximum equipment protection, oil life, and trouble-free operation, and are formulated to be highly resistant to oxidation and thermal degradation. Our formula's low friction coefficient results in maximum energy efficiency and lower operation temperatures. Syn-NRG is suitable for industrial and marine applications.



PERFORMANCE PROPERTIES

- Highly Resistant To Oxidation And Thermal Degradation
- Low Friction Coefficient Results In Maximum Energy Efficiency And Lower Operating Temperatures
- Superior Resistance To Sludging, Especially At High Temperatures
- Excellent Anti-wear, Foam Control, Water Resistance, And Multi-metal Compatibility
- Excellent Seal Compatibility And Longest Possible Oil Change Intervals
- Reduced Carryover To Downstream Equipment
- Completely Separates From Water Allowing Easy Drainage From The Bottom Of The Oil Reservoir

Syn-NRG is offered in 55 gallon drums.

Syn-NRG is available in ISO Viscosity grades 32, 46, 68, 100 and 150.



RELIANT TECHNOLOGIES

local | quality | service

2933 HWY 1 North
Port Allen, LA 70767

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ReliantLubrication.com

Syn-NRG

APPLICATIONS

- Highly Resistant To Oxidation And Thermal Degradation
- Rotary Screw Compressors, both normal duty and severe duty
- Vane-type Compressors
- Reciprocating Compressors, both normal duty and severe duty
- Turbochargers
- Industrial and Marine Applications
- Single and Multi-Stage Units

PHYSICAL PROPERTIES

Product	Syn-NRG 503	Syn-NRG 504	Syn-NRG 505	Syn-NRG 506	Syn-NRG 507
ISO Grade	32	46	68	100	150
Viscosity (cSt) @ 40°C	32	46	68	100	150
Viscosity (cSt) @ 100°C	5.9	8.1	10.2	13.8	16.7
Pour Point °C	<-40	<-40	<-40	<-40	<-40
Flash Point °C	>250	>250	>250	>250	>250
Specific Gravity	0.85	0.85	0.86	0.86	0.86
Total Acid Number	0.15	0.15	0.15	0.15	0.15
RBOT, minutes	2,000+	2,000+	2,000+	2,000+	2,000+
Rust Protection	Pass	Pass	Pass	Pass	Pass
Water Separation	Complete	Complete	Complete	Complete	Complete
Copper Corrosion	1B	1B	1B	1B	1B
Foam Test, Sequence II ml foam @ 0/10 min	0/0	0/0	0/0	0/0	0/0

Syn-NRG should not be used in air compressors used in breathing air applications.

Syn-NRG is compatible with all metals used in compressor construction, and with all conventional mineral oil-based air compressor lubricants, but, admixtures with other oils will likely detract from Syn-NRG's performance.

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