

PRODUCT DATA SHEET



SYN-HYD NFG Series

Synthetic Hydraulic Oil

NFG
NON-FOOD GRADE

SYN-HYD NFG Series are specially formulated to permit their use in nearly all types of hydraulic systems, except where food grade products are indicated.

The full synthetic hydrocarbon (PAO) base oil is fortified with an ashless additive package that inhibits oxidization, rust and corrosion, reduces wear and sludge formation, and extends service life. These features combined with its compatibility with most seal materials, plastics and paints used in hydraulic systems, make them suitable for use in a wide range of applications.

Recommended for hydraulic systems, rotary vane pumps, vacuum pumps, gear drives and compressors where moderate to heavy load and high temperatures are expected.

Available is viscosities ranging from 32 to 100, SYN-HYD NFG series are appropriate for use in hydraulic systems, production equipment, conveyors, chains and a variety of other industrial environments where proven performance characteristics of synthetic fluids are preferred.

Properties / Characteristics	SYN-HYD NFG			
	32	46	68	100
ISO Grade	32	46	68	100
Viscosity @ 40°C, cSt @100°C, cSt	31.1 5.75	47.3 7.86	68.6 10.10	95.2 12.85
Viscosity Index	127	136	132	133
Specific Gravity	0.860	0.860	0.870	0.870
Flash Point, °F (°C)	464 (240)	464 (240)	460 (238)	500 (260)
Pour Point, °F (°C)	-54 (-48)	-54 (-48)	-54 (-48)	-49 (-45)
Copper Corrosion Test	1b	1b	1b	1b
Rust Prevention	Pass	Pass	Pass	Pass
Evaporation Loss	<1%	<1%	<1%	<1%