



NEUTRONLUB

THE BEST HI-TECH FLUID & COMPOUNDS - USA



NEUTRON 960 IGO

Super Syn Industrial Gear Oil

NEUTRON 960 IGO Super Syn Industrial Gear Oil is a highly quality, extreme-pressure (EP) industrial lubricant developed specifically for enclosed gearboxes operating under moderate-to-severe service conditions.

NEUTRON 960 IGO is available in seven viscosity grades: ISO 68,150, 220,320, 460,680 and 1000. It is formulated with high viscosity index paraffinic base oils and select additives to provide rust and corrosion inhibition, resistance to foaming, excellent oxidation stability, and superior load-carrying ability.

Applications

Gearboxes with bevel, spur, helical, herringbone, or planetary gears, where the manufacturer calls for AGMA EP gear oils.

Manufacturers include:

- Amarillo Gear
- Falk
- Hansen
- David Brown
- Flender
- Lufkin
- MHI

Industrial Gear Oil meets the requirements of:

- AGMA Specification 9005-E02 (Replaces 250.04)
- Cincinnati Machine P-63 (ISO 68), P-77 (ISO 150), P-74 (ISO 220) and P-59 (ISO 320, 460, 680, 1000)
- David Brown S1.53.101
- DIN 51517 Part 3, Antiwear Circulating Oils
- U.S. Steel Specification No. 224, Heavy-Duty Lead-Free EP Gear Oil

Outstanding Features

- Good thermal and oxidative stability
- Fully inhibited against rust, corrosion and foaming
- Excellent extreme-pressure (EP) properties
- Compatible with steel, copper and alloy parts
- Quickly separates from water

TECHNICAL INFORMATION

ISO VG	32	68	150	220	320	460	680	1000
Gravity @15.4 °C	0.882	0.884	0.888	0.893	0.897	0.902	0.906	0.965
Pour Point °C	-48.5	-48.5	-40	-40	-34.5	-28.7	-28.7	-26.5
Flash point °C	218.7	218.7	229.6	229.6	229.6	229.6	229.6	229.6
Viscosity cSt @ 40°C	30	65.2	142	218	298	450	655	962
Viscosity cSt @100°C	5.9	10.4	18.5	25.9	33.5	44.8	65.3	77.8
Viscosity index, Min	135	142	145	145	155	160	165	160
Cooper Corrosion	1b	1b	1b	1b	1b	1b	1b	1b
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
FZG Spur gear Test	10	11	12+	12+	12+	12+	12+	12+
Color	Red	Red	Red	Red	Red	Red	Red	Red

NEUTRON FLUID & COMPOUNDS DIVISION

Value shown here are typical and may vary. NEUTRON FLUID & COMPOUNDS DIVISION reserves the right to change or modify this product for purpose of improving its performance characteristics.