UNILAND INDUSGEAR FULLY SYN

UNILAND INDUSGEAR FULLY SYN is Advanced Industrial Gear Oil that formulated with proprietary synthetic polyalphaolefin (PAO) base and ester technology with performance additives that enhance oxidation stability, improve foam control, maintain superior stability in the presence of water, and provide protection against rust, corrosion, and wear. Synthetic base oils provide longer oil life over conventional mineral oils.

UNILAND INDUSGEAR FULLY SYN has a naturally high viscosity index (VI) compared to mineral oils, providing lower viscosity at lower temperatures and higher viscosity at higher temperatures. This high VI allows the oil to flow at cold temperatures so equipment will start. It also means viscosity will be maintained at high temperatures to provide wear protection.

APPLICATION / BENEFITS

UNILAND INDUSGEAR FULLY SYN provides:

- Naturally high viscosity index improved low temperature fluidity and lower operating temperatures.
- Superior anti-wear properties, low traction coefficient, reduced power consumption.
- Better high-temperature oxidation stability extended lubricant life.
- Outstanding anti-rust and corrosion properties. Improved foam control. Superior stability in presence of water (hydrolytic stability and demulsibility)

TECHNICAL CHARACTERISTICS

Technical property	Method	Results							
Viscosity ISO VG	-	68	100	150	220	320	460	680	1000
Density at 15°C	ASTM D-4052	0.858	0.861	0.865	0.871	0.860	0.876	0.881	0.915
Flash point, °C	ASTM D-92	234	235	235	235	245	255	256	256
Pour point, °C	ASTM D-97	-48	-45	-42	-42	-39	-39	-33	-31
Viscosity index	ASTM D-2270	144	144	145	148	155	162	169	185
Kinematic viscosity at 40°C (cSt)	ASTM D-445	68	99	151	221	321	460	679	1000
Kinematic viscosity at 100°C (cSt)	ASTM D-445	10.3	13.7	19.7	25.8	35.2	47.4	64.9	50

THIS PRODUCT MEETS THE REQUIREMENTS OF:

- U.S. Steel 224
- David Brown S1.53.101
- Cincinnati EP gear oils
- AGMA 9005-E02
- DIN 51517 part 3: 2004-01
- ISO 12925-1 CKC/ D

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