QATOL REDLINE UNISYN INDUSTRIAL GEAR OILS

(FULLY SYNTHETIC PAO INDUSTRIAL GEAR OILS)

QATOL REDLINE UNISYN Industrial Gear oils are based on synthetic technology (PAO) for supreme performance designed to provide outstanding service in terms of equipment protection, oil life and problem-free operation.

QATOL REDLINE UNISYN Industrial Gear oils are formulated from synthesized, wax-free hydrocarbon base fluids. The combination of a naturally high viscosity index and a unique, proprietary, additive system enables these products to provide outstanding performance in extreme service applications at high and low temperatures, well beyond the capabilities of mineral oils.

QATOL REDLINE UNISYN Industrial Gear oils have low traction coefficients, which derive from the molecular structure of the base stocks used which results in low fluid friction in the load zone of non-conforming surfaces such as gears and rolling contact bearings. Low fluid friction produces lower operating temperatures and improved gear efficiency, which translates into reduced power consumption. It also results in extended parts life and allows for more economical equipment design.

APPLICATIONS

QATOL REDLINE UNISYN Industrial Gear oils are recommended for wider range of applications including Low temperature applications, such as ski lifts where seasonal oil changes can be avoided, as well as mixer roll bearings and roll neck bearings where high temperatures are encountered. Other suitable applications also include Plastic calendars, Severe centrifuge applications, including marine centrifuges, railroad A/C Traction Drives, Oil Flooded Rotary Screw Compressors compressing natural gas, field gas gathering, CO2 and other process gasses used in the natural gas industry.

KEY BENEFITS

- Superior resistance to oxidation and sludging at higher temperatures.
- Exceptional resistance to rusting and corrosion
- High Viscosity Index and absence of wax
- Low traction coefficient
- Compatible with the seal materials such as fluorocarbon, polyacrylate, polyurethane ether, some silicone, ethylene/acrylic, chlorinated polyethylene, polysulfide, and some nitrile rubbers.

SPECIFICATIONS

-DIN 51517 Part 3 ⇒group CLP -NF-ISO 6743-6 category CKD -AISI 224 z CINCINNATI MILACRON
-DAVID BROWN -FLENDER -USINOR FT 161 -MÜLLER WEINGARTEN -AGMA 9005 - E02

KEY PROPERTIES

PROPERTIES	TEST METHOD	UNIT	QATOL REDLINE UNISYN ISO VG				
			15	32	46	68	100
Appearance	Visual	-	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Kinematic Viscosity @ 40°C	ASTM D445	g/ml	15	32	46	68	100
VI	ASTM D2270	-	140	140	140	140	140
Water Seperability Min. to 3 ml emulsion	ASTM D 1401	minutes	10	10	10	10	10
Copper Corrosion, 24 hrs @ 121º C	ASTM D130	-	1b	1b	1b	1b	1b
Flash Point, COC	ASTM D92	°C	220	230	240	240	240
Pour Point	ASTM D 97	°C	-42	-39	-39	-36	-36
Note: Above characteristics are typical values							

HAZARDS

This oil used as recommended and for the application for which it has been designed does not present any particular health & environmental risk.
Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.
For further Information on Safety Guidelines please refer to Material Safety Data Sheet.

PACKING

Available Packages: 1000L,208L,60L,20L