QATOL REDLINE CLP INDUSTRIAL GEAR OILS (CLP)

QATOL CLP INDUSTRIAL GEAR OILS are premium quality heavy duty extreme pressure gear lubricants of highest performance, manufactured from the highest quality base oils and latest additive technology to provides very high load-carrying properties and maximum protection for gear teeth in severe service conditions.

QATOL CLP INDUSTRIAL GEAR OILS are designed to stay ahead of the changing needs of gearbox technology. Gearbox technology design trends are towards smaller units with similar power throughput. This increase in power density places increased demands on gear oils. QATOL CLP INDUSTRIAL GEAR OILS are formulated to meet the stress by providing extra protection for gears, bearings and seals.

QATOL CLP INDUSTRIAL GEAR OILS formulation is able to provide maximum wear and corrosion protection while maintaining compatibility with common gearbox seal materials.

APPLICATION

QATOL CLP INDUSTRIAL GEAR OILS are recommended for all industrial applications where the machinery manufacturer recommends the use of CLP type oil and are intended for use in a wide range of industrial and marine applications, especially spur, helical, bevel and worm gear, industrial gearing for conveyers, agitators, dryers, extruders, fans, mixers, presses, pumps (including oil well pumps), screens, extruders and other heavy duty applications and in all types of enclosed gear drives with circulation or splash lubrication systems. Marine gearing including main propulsion, centrifuges, deck machinery such as winches, windlasses, cranes, turning gears, pumps, elevators and rudder carriers as well as non-gear applications such as shaft couplings, screws and heavily loaded plain and rolling contact bearings operating at slow speeds.

KEY BENEFITS

- Enhanced gear wear protection from micro pitting:
- improvement in bearing life reducing bearing replacement costs and improving productivity
- Improved bearing life resulting in higher productivity.
- Outstanding compatibility with a range of seal materials:
- Reduced leakage, oil consumption and contamination ingress helping to reduce maintenance, extend gearbox reliability and higher productivity.
- Excellent resistance to oil oxidation and thermal degradation:
- Wide range of applications
- Optimized resistance to rust and corrosion of steel and corrosion of copper and soft metal alloys
- Resistance to foaming and emulsion formation:

SPECIFICATIONS

- DIN 51517-3 (2004):CLP
- ISO 6743-6 and ISO 12925-1: CKC/CKD
- US Steel 224
- AGMA 9005-D95/E02: EP
- David Brown S1 53.101

KEY PROPERTIES

Properties	Unit	Value									
ISO Viscosity Grade		32	46	68	100	150	220	320	460	680	1000
Viscosity @ 40 ^{o}C ASTM D-445	mm^2/s	32	46	70	100	151	215	310	463	664	990
Viscosity Index ASTM D-2270		98	98	98	95	95	95	95	95	95	95
Density @ 35 ^{o}C ASTM D-4052	kg/m^3	860	860	871	875	881	886	891	896	893	985
Flash Point ASTM D-92	^{o}C	220	220	232	234	235	236	242	260	280	280
Pour Point ASTM D-97	^{o}C	- 18	- 15	- 15	- 15	- 12	- 12	- 9	-6	-6	-3

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,