

LubeMax Industrial EP 680 Gear Oil



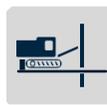
PRODUCT DESCRIPTION

LubeMax Industrial EP 680 Gear oil are premium formulations designed for many types of industrial bearing and gear applications operating in heavy duty and shock-loaded conditions.

APPLICATION OF PRODUCT

LubeMax Industrial EP 680 Gear oil excel in the lubrication of heavily loaded enclosed gear drives and reducers on drives of all sizes. These gear sets include a variety of types such as spur, bevel, herringbone, planetary, and worm designs. Industrial EP Gear Lubricants are suitable for use with bath, splash, circulating, and spray-type lubrication systems.

LubeMax Industrial EP Gear Lubricants are ideal for applications such as steel mills where gear cases are often near red-hot steel as well as in circulating systems where water contamination is a hazard. LubeMax Industrial EP Gear Lubricants are suitable for a wide variety of industrial and mobile equipment, gear systems, chain drives, sprockets, plain and anti-friction bearings, slide guides, and flexible coupling joints as well as transmission gear cases in open pit and underground mining machinery.



SPECIFICATIONS AND APPROVALS OF PRODUCT

LubeMax Industrial EP 680 Gear oil meet the requirements of and are recommended for use in the following applications where the appropriate viscosity is specified:

- ¥ ANSI/AGMA 9005-E02 EP
- ¥ US Steel 224 (ISO 150 - ISO 460)
- ¥ DIN 51517 Part 3

FEATURES AND BENEFITS OF PRODUCT

LubeMax Industrial EP Gear oil are produced exclusively from premium base oils and advanced additive technology to deliver anti-wear and extreme pressure protection in sustained, long-life applications. These oils have excellent thermal and oxidation stability allowing them to resist thickening produced by sustained, high temperature operation. Industrial EP Gear Lubricants are non-corrosive to gear and bearing materials such as steel, copper, bronze, Babbitt, and cadmium-nickel. These oils provide superior foam resistance, water separation, low temperature fluidity allowing their use in gears and bearings exposed to a wide range of climatic conditions.

LubeMax Industrial EP Gear Lubricants tenaciously hold a strong film of lubricant on metal surfaces. Along with foam control, this lubricant film maximizes gear protection and ensures extended service life in the most arduous applications.

LubeMax Industrial EP Gear Lubricants provide value through the following benefits:

- ¥ **Long service life** — extended drain intervals can result in significant cost savings.
- ¥ LubeMax Industrial EP 680 Gear oil is formulated to resist thermal and chemical breakdown throughout the maintenance interval. They withstand high thermal loading and resist the formation of sludge to provide extended oil life capability, even with bulk oil temperatures of up to 100°C in certain applications.
- ¥ **Excellent thermal and oxidation stability** — premium base oil ensures outstanding product stability even in the presence of high loads and high temperatures.
- ¥ **Corrosion protection** — maximum corrosion protection of ferrous and non-ferrous metals.
- ¥ **Water separation** — water/oil emulsions are prevented, which minimizes corrosive damage.
- ¥ **Low foam** — maintains protective lubricant film in all operating conditions.

Call: +14432041973 for more information.

TYPICAL TECHNICAL PROPERTIES

Properties			Method	
ISO Viscosity Grade			ISO 3448	680
Kinematic Viscosity	@40°C	mm ² /s	ISO 3104	680
Kinematic Viscosity	@100°C	mm ² /s	ISO 3104	38
Viscosity Index			ISO 2909	92
density	@15°C	kg/m ³	ISO 12185	912
Flash Point (COC)			ISO 2592	270
Pour Point			ISO 3016	-9

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other LubeMax product, please visit www.lube-max.com or call +234 8053390168 or +1 443 204 1972. When disposing of used product, be responsible to the environment.

WHY WE ARE GOOD

LubeMax stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive LubeMax product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the LubeMax products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards

LubeMax Lubricants

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