

LubeMax Syngear Lubricants



Synthetic gear Lubricants ISO 32-1000

PRODUCT DESCRIPTION

LubeMax Syngear are synthetic gear and bearing lubricants. Lubemax synthetic gear & bearing lubricants are formulated using synthesised hydrocarbon fluid and select additives to enhance oxidation resistance and provide maximum protection against wear, rust, corrosion and foaming.

These PAO based fluids provide significantly better thermal and oxidation stability, as well as increased protection against the loss of viscosity than do conventional good quality mineral oils. The inherently high viscosity index of these oils provides higher viscosities and therefore greater film thickness at higher temperatures and lower viscosities for easy start-up and minimal internal friction at lower temperatures. The low coefficient of friction of the Lubemax gear & bearing lubricants substantially reduces power consumption and gearbox operating temperature, further prolonging the useful life of the lubricant.

APPLICATION & BENEFIT OF PRODUCT



Lubemax synthetic gear & bearing lubricants are recommended for use under severe high or low temperature conditions when lubricating industrial enclosed gears and heavily loaded plain or rolling element bearings. They are particularly recommended for applications where high oil temperatures result in short oil life or high maintenance costs. They are also recommended for use in applications where the corrosion of yellow metals is a concern, as these lubricants do not contain additives which tend to attack metals such as brass, bronze or copper. This gear and bearing lubricants are compatible with essentially all seal materials, plastics and paints, including nitrile Buna N, neoprene, viton, teflon, polyethylene, polyurethane ether, fluorocar-bon, polyacrylate, polysulfate, ethylene acrylic, epoxy, plastisol, PVC, acrylic paint and lacquer

LubeMax Syngear Lubricants 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. They 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 Syngear 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 Syngear Lubricants provide value through the following benefits:

- ¥ Long service life — extended drain intervals can result in significant cost savings.
- ¥ 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: +14432041972 for more information.

**Lubemax
Syngear**

	32	46	68	100	150	220	320	460	680	1000
ISO Grade	32	46	68	100	150	220	320	460	680	1000
AGMA Number	-	1	2	3	4	5	6	7	8	8A
Specific Gravity	0.851	0.849	0.857	0.861	0.864	0.869	0.872	0.875	0.876	0.881
Viscosity										
@ 40°C, cSt	31.6	46.0	67.3	99.1	149.1	231.7	340.9	480.2	728	1018.1
@ 100°C, cSt	5.8	7.8	10.9	14.4	19.8	27.6	37.2	48.3	67.5	88.6
@ 100°F, SUS	163	236	343.2	508	767	1197	1769	2501	3804	5333
@ 210°F, SUS	45.7	52.4	63	77	100	135	180	233	325.6	427
Viscosity Index	126	138	153	150	153	154	157	160	166	171
Flash Pt. F°(C°)	450 (232)	475 (246)	510 (266)	510 (266)	469 (243)	480 (249)	491 (255)	469 (243)	510 (266)	510 (266)
Pour Pt. F°(C°)	-65 (-54)	-40 (-40)	-44 (-43)	-44 (-43)	-47 (-44)	-49 (-45)	-54 (-48)	-54 (-48)	-44 (-43)	-38 (-39)
Copper Corrosion	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
FZG Gear Test	11 Pass	11 Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass

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

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