

GEVITRO TWS

INDUSTRIAL GEAR OIL

Description

Industrial gear oils are high performance mild Extreme-Pressure fluids developed for industrial gearboxes, especially for industrial applications such as oil bath lubrication of heavy and/or shock loaded gear drives, worm wheel gears and circular lubrication. Industrial gear oil is based on high quality mineral base oils, in combination with a performance additive package, to offer an excellent protection against oxidation, extend equipment lifetime, low foam tendency and very good anti-wear properties.

Benefits

- Excellent protection of metal parts as well as non-ferro metals against rust and corrosion, even in presence of water.
- Very efficient demulsibility to allow faster water-oil separation
- High thermo-oxidative stability to resist deposit formation, to provide an enhanced cleanliness of the system and to enable longer service intervals.
- Excellent seal compatibility to prevent any deterioration
- Superb load carrying capacity to protect gears against wear and scuffing.



Performance levels

- DIN 51517-PART 3 (CLP)
- ISO 12925-1
- US STEEL 224
- ANSI/AGMA 9005-E02
- TIMKEN OK LOAD 75 lbs
- David Brown S1.53.101
- FZG LOAD STAGE 12

Typical Properties

SAE		68	100	150	220	320	460	680
Code		LUB005041	LUB005042	LUB005043	LUB005044	LUB005045	LUB005046	LUB005047
Density 15 °C	kg/m3	875	885	889	895	898	907	900
Viscosity 40 °C	cSt	68	100	150	220	320	460	680
Viscosity 100 °C	cSt	8.6	11.2	14.6	18.8	24.0	31.0	39.0
Viscosity Index		95	95	95	95	95	95	95
Pour Point	°C	-27	-24	-24	-24	-18	-15	-15
Flash Point C.O.C	°C	210	220	220	230	240	250	250
Operating temperature	°C	-20/150	-20/150	-20/150	-20/150	-15/150	-13/150	-10/150