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GEAR FLUID 550

DESCRIPTION

GEAR FLUID 550 is a new half synthetic oil developed for the lubrication of very high powered and low speed gear drive. Its high viscosity at all temperatures boosted with exclusive additives based on bismuth gives it an incredible extreme pressure performance with functional lubricant film from -25°C to + 120°C.

GEAR FLUID 550 is free from solvents, bitumen, chlorine, heavy metals or solid particles and is classified under ANSI/AGMA 9005-E02, Annex D2.

TYPICAL APPLICATIONS

GEAR FLUID 550 is especially indicated for large open gear running with peripheral speed until 10m/s and power which could exceed 2x5000 kW. Is applied on mills and kilns with rotary drum in the raw material industry such as cement, mining and chemical.

Direction for use: GEAR FLUID 550 could be applied by bath, paddle wheel, circulation and spray lubrication of the pinion or girth gear drive. It is recommended to heat the distribution systems by temperature below +5°C. On the contrary, it is recommended to cool the fluid when temperatures exceed +120°C (always contact LUBRILOG when out of this temperature range).

Pack sizes: 50 kg drum (UE) / 60 kg drum (US), 180 kg drum.

TECHNICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Color	Brown		(visual)
Mass volume (20°C)	0.92	Kg/dm ³	ISO 12185
Base oil	Half synth		
Base oil viscosity			
40°C	17000	mm ² /s	ISO 3104
100°C	550	mm ² /s	ISO 3104
Viscosity index	180		ISO 2909
Pour point	0	°C	ISO 3016
Flash point	>220	°C	ISO 2592
Weld test 4 balls	>9800	N	ASTM D 2596
Wear test 4 balls (1h,20Kg)	0.5	mm	ASTM D 2266
Timken OK Load	70	lbs	ASTM D 2782
Temperature range	0 to +120	°C	

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