



TECHNICAL DATA SHEET

V.05/2019 | Ref.07090001

GEAR FLUID 550 D

DESCRIPTION

GEAR FLUID 550 D is a half synthetic oil in a solvent developed for the lubrication of slow open gears at with very high power. Its high viscosity at all temperatures boosted with specific additives gives it remarkable extreme pressure performances with a functional lubricant film from 0°C to +120°C.

GEAR FLUID 550 D is free from chlorine, heavy metals and solid particles.

GEAR FLUID 550 D meets the requirements of ANSI/AGMA 9005-E2, Annex D.

APPLICATION

GEAR FLUID 550 D is specially indicated for the lubrication of open gears with peripheral speed until 10m/s and a power which could exceed 2x5000kW. GEAR FLUID 550 D is mainly used on mills and kilns with rotary drums in raw material industries (cement, mining and chemical).

Direction for use: GEAR FLUID 550 D must be only applied by spray. It is recommended to heat the distribution systems for temperatures below 0°C.

SPECIFICATIONS

PROPERTIES	VALUES	UNITS	STANDARDS
Colour	Yellow orange		(visual)
Density	0.92*	Kg / dm ³	ISO 12185
Base oil	Half synthetic		
Kinematic viscosity at 40°C	17000* (1000)	mm ² /s	ISO 3104
Kinematic viscosity at 100°C	550*	mm ² /s	ISO 3104
Viscosity index	180*		ISO 2909
Flash point	<200*	°C	ISO 2592
Pour point	0*	°C	ISO 3016
Four ball weld test	>800*	daN	ASTM D 2596
Temperature range	0 to +120	°C	

* After evaporation of solvent

