



TECHNICAL DATA SHEET

V.06/2021

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GRAFOLOG MT FLUID

DESCRIPTION

GRAFOLOG MT FLUID is a liquid grease free of heavy metals and bitumen, formulated with an aluminium complex soap and an ultrafine graphite highly purified. Its special additives and the base oil viscosity give to GRAFOLOG MT FLUID an exceptional adhesiveness at high temperature and a remarkable anti-welding and anti-friction properties even under the influence of very high loads.

APPLICATION

GRAFOLOG MT FLUID is specially recommended for the lubrication of large high powered open gears, used either bath or in recirculation, used for the cement, coal and chemical industries.

SPECIFICATIONS

PROPERTIES	VALUES	UNITS	STANDARDS
Colour	Black		(visual)
Thickener	Al-X		
Base oil	Mineral		
Kinematic viscosity at 40°C	7500	mm ² /s	ISO 3104
Viscosity index	150		ISO 2909
Solid lubricants	3.5	%	
Consistency	00/000	rank	NLGI
Worked penetration	415-475	X0.1 mm	ISO 2137
Dropping point	>140	°C	ISO 6299
Four ball weld test	>800	daN	ASTM D 2596
Four ball wear test	0.7	mm	ASTM D 2266
FZG bearing load test (A/2.76/50)	>12	Load stage	ISO 14635-3
FZG specific wear (A/2.76/50)	≤0.2	mg/kWh	ISO 14635-3
Temperature range	0 to +140	°C	

