



TECHNICAL DATA SHEET

V.06/2020

Ref.07002200

# GRAFOLOG H 2200

## DESCRIPTION

GRAFOLOG H 2200 is an extreme pressure, high load application grease with a high content of ultrafine and natural graphite highly purified. Its special additives and Aluminum complex soap give to GRAFOLOG H 2200 a remarkable resistance to scuffing of the metallic surface in contact even with high temperature, high load and low speed conditions.

The special formulation of GRAFOLOG H 2200 guaranties protection even if the equipment is in the most extreme environments with high humidity.

## APPLICATION

Heavy loaded open gears such as Ball, Rod, SAG and Aerofall mill drives, Kiln and rotary drum drives in Cement plants, Power station, Mines, Chemical plants, etc...

Open gears on draglines, shovels and excavators located on slew rings, drag and hoist drums etc...

Suitable for swing gears on large excavators for Liebherr, Hitachi, Komatsu, BEML, OMZ etc...

Could be apply by automatic or manual lubrication systems.

## APPROVAL

-FLSmidth, Ferry Capitain and Van der Wegen

-Meet the requirements of P&H 464 from 0°C to +40°C

-Meet the requirements of Bucyrus/CAT SD 4713 (except for hoist drums gears) from 0°C to +40°C

## SPECIFICATIONS

PROPERTIES	VALUES	UNITS	STANDARDS
Colour	Black		(visual)
Thickener	Al-X		
Solid lubricant content	10	%	
Base oil	Mineral		
Viscosity at 40°C	2200	mm <sup>2</sup> /s	ISO 3104
Viscosity Index	125		ISO 2909
Consistency	0/00	rank	NLGI
Drop point	>180	°C	ISO 6299
4 ball weld load	800	daN	ASTM D 2596
4 ball wear test	0.6	mm	ASTM D 2266
FZG (A/2.76/50)	>12	quotation	ISO 14635-1
FZG specific wear (A/2.76/50)	<0.2	mg/kWh	ISO 14635-1
Temperature range	0 to +180°C		

