

RENOLIT HDCE 2

A heavy duty extreme pressure grease specially formulated for mining, earthmoving and construction equipment operating under arduous conditions. Especially suited to applications where parts are subjected to oscillating movement, vibration and shock load

Description

RENOLIT HDCE 2 is a heavy duty extreme pressure grease containing a high viscosity mineral oil, lithium thickener, special EP additive, rust and oxidation inhibitors and tackiness agent. Fortified with 2.5% molybdenum disulphide and 2.5% graphite as solid lubricants, and containing an effective yellow metal corrosion inhibitor, RENOLIT HDCE 2 is particularly suitable for mining and construction equipment operating under arduous conditions. The heavy duty nature of RENOLIT HDCE 2 grease is especially suited to quarrying and mining applications including hammers, bucket pins and bushes and plain bearing applications of excavators and dump trucks. Due to the high content of extreme pressure (EP) additives and solid lubricants, RENOLIT HDCE 2 grease is also suited to various other applications where parts are subjected to oscillating movements, vibrations and shock loads.

Application

Mining and quarrying Heavy duty transport
Chassis lubrication Construction equipment
Heavy industrial Dredging equipment Agricultural
and forestry

Advantages/Benefits

- Excellent resistance to water washout ensures lubrication is maintained under extremely wet conditions
- Extended service intervals possible due to superior retention properties which resist leakage and environmental ingress under highload conditions
- Extreme mechanical stability, highly adhesive
- Outstanding film strength, effective EP additives and solid lubricants protect against component wear under severe environmental and shock loading conditions
- Protects against corrosion with highly effective inhibitors, even under extreme wet conditions
- Reduces maintenance costs.

Specifications

- NLGI 1-2

Approvals

FUCHS Recommendations

Product Information



CHARACTERISTICS

Appearance	Visual	Black	-
Thickener	-	Lithium Soap	-
NLGI grade	-	1 1/2	-
Molybdenum disulfide content	-	2.5	%
Graphite content	-	2.5	%
Dropping Point	ASTM D2265	200	°C
Worked Penetration @ 25 °C	ASTM D217	295-310	0.1 mm
Rust test rating	ASTM D1743	1-1-1	N/A
Water resistance	DIN 51807	1-90	eval. stage
Four-ball welding load	ASTM D 2596	400	kgf
Four-Ball Wear Scar Diameter	ASTM D2266	0.45	mm
Timken EP Test for Greases, OK Load	ASTM D2509	25	kg
Water resistance	DIN 51807	0	eval. stage
Base Oil Viscosity @ 40 °C	ASTM D445	700	cSt
Base Oil Flash Point, COC	ASTM D92	230	°C

Product Code: 3824
Last Update: 26/08/2020