

HT LCX-2 460, 680, 1000, 1500 HD (Heavy Duty Lithium Complex)

(Lithium Complex, Mineral Base Oil with EP properties for High Temperature applications)

DESCRIPTION:

HT LCX-2 460, 680, 1000, 1500 HD is heavy duty lithium complex grease formulated with antioxidants, anti-corrosion, rust inhibitors and EP additives, lithium-complex thickener grease designed with high viscosity mineral oils to stand with water provide a heavier oil film for applications with excessive loading at slow and medium speed & high temperature. These greases contain small dosage of Microflux Trans (MFT) & PTFE an improvement additive. It possesses resistance to water washing and provides effective protection against rust and corrosion for both ferrous and non-ferrous metals for extreme pressures. These greases are specially developed for application areas where extensive water contact or presence, vibration & high shock loads are there and gives outstanding performance.

APPLICATIONS

- HT LCX-2 460, 680, 1000, 1500 HD grease is recommended where continuous Low & Medium Speed bearings with high loads intermittent very high temperatures are experienced.
- It is recommended for application for high temperature application in slip seal in KLINS of sponge plants where vibration, shock loads and non-melting grease is required.
- It can also be used in ambient temperature applications where high resistance to water washing is needed at medium & low speed Bearings. Applications for Steel, Sponge Iron plants, Stone Crusher Jaw, Cone, Breaker & Screen), Cement, Sugar, Mining, Marine, Paper Mill & Chemical Industry.
- HT LCX-2 460, 680, 1000, 1500 HD is a pumpable grease when working under high hydraulic pressure generated by the pumps of centralized and Individualized systems.

BENEFITS

- Thickener does not melt extremely high dropping point and High-pressure loading capacity
- Will not soften and leak from bearings exposed to high temperature
- Resistance to water washing, steam and humid conditions, good pump ability Consistency
- Longer re-lubrication intervals, good seals & protects against corrosion.
- Maintained despite cycling temperature conditions.

PROPERTIES

GRADES	HT LCX-2 460 HD	HT LCX-2 680 HD		
NLGI	2	2	2	2
Color	Golden Brown			
Appearance	Smooth, Buttery & Tacky			
Thickener	Lithium - Complex			
Drop Point, °C min	+ 280	+ 280	+ 280	+ 280
Work Penetration	265 - 295	265 - 295	265 - 295	265 - 295
Operating Range, °C	40°C to 180°C	40°C to 180°C	40°C to 180°C	40°C to 180°C
Viscosity at 40° Cst	460	680	1000	1500
Copper strip corrosion	1a	1a	1a	1a
4-Ball Weld Load kgs	+620 to 800	+620 to 800	+800	+800

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