



## Grease Lithium Complex LT 2

Lithium complex grease with semi synthetic base oil for low temperature environments

### Description

Grease Lithium Complex LT 2 is a lithium complex based grease with EP additives for medium speed operated bearings and plain bearings. The product is provided with excellent water and high temperatures resistance and shows good properties when exposed heavy loads.

### Applications

Grease Lithium Complex LT 2 can be used as long life grease in roller bearings, water pumps, electric motors, couplings, cardan joints, and in general wherever

high efficiency greases are needed with severe requirements.

### Benefits

- High dropping point and low working temperature ability
- Good resistance to heavy loads
- Outstanding anti-wear capacity
- Insoluble in water
- Good resistance to mechanic work
- Good protection against corrosion
- Good antioxidant capacity
- Long life

### Typical performance data

Colour	Light brown
Thickener	Lithium complex
Base oil nature	Semi synthetic
Base oil viscosity @ 40 °C, cSt	220
NLGI consistency	2
Penetration @ 25 °C 60 W, x 0,1 mm	265-295
Dropping point, °C	245
EMCOR corrosion test	1
Copper corrosion, 24hr/100 °C	1b
4-ball wear test	
• Welding load, kg	450
• Wear scar diameter 1h/40kg, mm	0,55
Flow pressure @ -20 °C, mbar	1600
Oxidation stability 100h/100 °C, kg/cm <sup>2</sup>	0,3
Evaporation loss, %	
• 22h/100 °C	0,5
• 22h/150 °C	2,5
Water resistance @ 90 °C	1
Service temperatures, °C	-35 – 150

All performance data on this Technical Data Sheet are indicative only and can vary during production

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