



## CPC Multi-Purpose Grease

- CPC Multi-Purpose Greases are lithium base multi-purpose grease with high quality oils plus anti-rusting agent and anti-oxidant in them. Four NLGI consistencies No.0, No.1, No.2, No.3 are available. They have the properties of:
  - (a).high temperature resistance: suitable operating temperature is up to 125°C.
  - (b).low temperature resistance: high quality base oils can provide good fluidity under low temperature.
  - (c).water resistance: high water resistance makes them been washed off uneasily.
  - (d).anti-rusting: special anti-rusting agent provides good anti-rusting performance.
  - (e).anti-oxidation: good property of anti-oxidation lasts long-haul durability.
- CPC Multi-Purpose Greases are suitable for a wide variety of applications in:
  - (a).ball and roller bearings, known as anti-friction bearings under the operation temperature up to 125°C, Higher operating temperature can be reached by more frequent replenishing.
  - (b).plain bearings under the operating temperature up to 125°C, Higher operating temperature can be reached by more frequent replenishing.
  - (c).low-speed open gears with low power.
  - (d).the bearings of the high and low electric motors and water pumps.
- In general, NLGI No.1 and No.2 are mainly (or widely) used in grease gun pumping system, NLGI No.2 and NLGI No.3 in manual filling system, NLGI No.0 and No.1 in centralized greasing system.
- When CPC Multi-Purpose Greases are in system, don't mix other brands' grease into it and be sure of rubbing in the space of bearings 1/3 to 1/2. Otherwise grease seal will be damaged by ill-heatradiating and also it will accompany with the troubles of burning of bearings.
- For the purpose of the least compatible tolerance with other brands', as much as new grease should be pumped into systems where old grease exits and expels all old grease out of the outlet.
- Packages: (1) 180 kg drum
  - (2) 15 kg pail
  - (3) 0.4 kg can, 0.4 kg\*30 case (for No.2)
- The typical data are listed as next page:



NLGI Grade No.	No.0	No.1
Dropping Point, °C, D2265	187	189
Penetration , D217		
60worked, 1/10mm	378	322
10,000worked, 1/10mm	382	327
Color, Visual	Amber	Amber
Oxidation Stability, D942		
100hrs, Pressure Drop, psi	4.0	4.0
500hrs, Pressure Drop, psi	8.0	8.0
Anti-Rust Test, D1743	Pass	Pass
Copper Corrosion, 100°C, 24hrs, D4048	1a	1a
Soap Base	Lithium	Lithium
Water Washout, 79°C, %, D1264	-	7.5
Viscosity of Mineral Oil, cSt @40°C, D445	228.2	228.2
Product No.	LB80200	LB80201

NLGI Grade No.	No.2	No.3
Dropping Point, °C, D2265	217	202
Penetration , D217		
60worked, 1/10mm	282	242
10,000worked, 1/10mm	288	256
Color, Visual	Amber	Amber
Oxidation Stability, D942		
100hrs, Pressure Drop, psi	3.0	3.0
500hrs, Pressure Drop, psi	7.0	7.0
Anti-Rust Test, D1743	Pass	Pass
Copper Corrosion, 100°C, 24hrs, D4048	1a	1a
Soap Base	Lithium	Lithium
Water Washout, 79°C, %, D1264	2.5	2.5
Viscosity of Mineral Oil, cSt @40°C, D445	228.2	228.2
Product No.	LB80202	LB80203

Note: Typical properties are based on standard tests under laboratory conditions. Variations that do not affect product performance are to be expected during normal manufacture. Please consult your local CPC representative if you have any questions.