



CPC Bearing Grease HD No.2 and CPC Journal

Roller Bearing Grease

- CPC Bearing Grease HD No.2 and CPC Journal Roller Bearing Grease are lithium multi-purpose grease with excellent shear stability. They can retain their consistency under high speed running and oscillating in bearings without being liquefied.
- The NLGI consistency of CPC Journal Roller Bearing Grease is No. $1\frac{1}{2}$. The grease has been proved of meeting the American Railway Association's AAR M-942 specification by U.S. Timken Bearing Co. It is suitable for Timken "AP" bearings.
- Packages: (1) 180 kg drum
(2) 15 kg pail (for Bearing Grease HD No.2)
- The typical data are listed as follow:

NLGI Grade No.	No.2 (BEARING GREASE HD)	No. $1\frac{1}{2}$ (JOURNAL ROLLER BEARING GREASE)
Dropping Point, °C, D2265	192	191
Penetration , D217		
60worked, 1/10mm	269	305
100,000worked, 1/10mm	288	312
Color, Visual	Amber	Amber
Oxidation Stability, D942		
100hrs, Pressure Drop, psi	4.0	5.0
500hrs, Pressure Drop, psi	7.0	8.0
Anti-Rust Test, D1743	Pass	-
Copper Corrosion, 100°C, 24hrs, D4048	1a	1a
Soap Base	Lithium	Lithium
Dynamic Mechanical Stability ,AAR	-	312
Seal Swell, Volume Change, %,AAR	-	-1.71
Seal Swell, Hardness Change, %,AAR	-	0
Roll Test, %, D1831	3.7	-
Water Washout, 79°C, %, D1264	7.2	7.5
Viscosity Index of Mineral Oil, D2270	93	-
Viscosity of Mineral Oil, cSt @40°C, D445	228.2	225.5
Product No.	LB80122	LB80112

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.