



CPC E.P. Lubricant HD

- CPC E.P. Lubricants HD are refined by special techniques. The lubricants possess very high activity to metal surface. In addition to anti-oxidation, anti-rust, anti-foam additives, and etc., the lubricants also contain sulfur-phosphorus E.P. additive to form tenacious oil film on metal surfaces that can endure high E.P. and vibration load to prevent gear surface over-heat, fusion, deadlock, and serious wear.
- The Lubricants possess very excellent oxidative stability, and thus can effectively prevent gum formation and oil degradation for extended service. The lubricants are suitable for lubrication of heavily loaded bearings and gears.
- Packages: (1) in bulk (for HD320, HD460 and HD680)
(2) 200 liter drum
(3) 19 liter pail (for HD68, HD150, HD220, HD320 and HD460)
- The typical data are listed as follow:

Grade No.	HD32	HD68	HD100
Sp. Gr., 15.6°C/15.6°C, D4052	0.859	0.874	0.883
Viscosity, Kin., cSt @40°C, D445	31.2	66.6	98.1
@100°C, D445	5.26	8.62	11.16
Viscosity Index, D2270	99	99	99
Pour Point, °C, D6749	-18	-18	-18
Flash Point, COC, °C, D92	202	229	232
Color, D1500	L3.0	3.0	L4.0
Acid Number, mg KOH/g, D664	0.79	0.79	0.79
Four Ball EP, Welding Point, kg, D2783	200	250	250
Carbon Residue, Rams., %, D524	0.25	0.27	0.34
Sulfated Ash, %, D874	0.01	0.01	0.01
FZG, Failure Load Stage, D5182	12	>12	>12
Product No.	LA82032	LA82068	LA82100

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.



Grade No.	HD150	HD220	HD320
Sp. Gr., 15.6°C/15.6°C, D4052	0.893	0.897	0.902
Viscosity, Kin., cSt @40°C, D445	143.6	212.0	310.5
@100°C, D445	14.38	18.59	23.70
Viscosity Index, D2270	98	97	96
Pour Point, °C, D6749	-15	-12	-12
Flash Point, COC, °C, D92	238	241	246
Color, D1500	4.0	L4.5	4.5
Acid Number, mg KOH/g, D664	0.79	0.79	0.79
Four Ball EP, Welding Point, kg ,D2783	250	250	250
Carbon Residue, Rams., %, D524	0.40	0.45	0.51
Sulfated Ash, %, D874	0.01	0.01	0.01
FZG, Failure Load Stage, D5182	>12	>12	>12
Product No.	LA82150	LA82220	LA82320

Grade No.	HD460	HD680
Sp. Gr., 15.6°C/15.6°C, D4052	0.904	0.909
Viscosity, Kin., cSt @40°C, D445	440.4	656.2
@100°C, D445	29.80	38.68
Viscosity Index, D2270	96	96
Pour Point, °C, D6749	-12	-15
Flash Point, COC, °C, D92	249	254
Color, D1500	L5.0	L5.0
Acid Number, mg KOH/g, D664	0.79	0.86
Four Ball EP, Welding Point, kg ,D2783	250	250
Carbon Residue, Rams., %, D524	0.56	0.64
Sulfated Ash, %, D874	0.01	0.04
FZG, Failure Load Stage, D5182	>12	>12
Product No.	LA82460	LA82680

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.