

76 Gearite® HD CF

76 Lubricants Gearite HD CF is a viscous, adhesive, asphaltic-based lubricant cut back with a volatile, non-chlorinated solvent for ease of application. It is recommended for the lubrication and cushioning of open and semi-enclosed gears, and for some cable-actuated equipment.

Gearite HD CF is available in two grades: 1750 and 4800. It is formulated with heavy residual base stocks, resins, asphalt and ashless extreme-pressure additives. It forms a heavy, tenacious film (after solvent evaporation) that adheres well to metal surfaces and will not harden or flake off, even at low temperatures. It has high load-carrying capacity to protect heavily loaded gears from scoring and galling. It has good resistance to water washout and protects against corrosion.

Applications

- Open and semi-enclosed gears, such as those found on ball and rod mills, cement mills, drying kilns, papermaking machinery and presses, power shovels and similar equipment
- Guides and sliding surfaces with large clearances, where residual-type lubricants are specified
- Cables on draglines, clamshells, shovels, hoists and cable-operated equipment where cable clamp safety devices are not used

Gearite HD CF meets the performance requirements of:

- AGMA 9005-E02

Features/Benefits

- Excellent adhesion to metal surfaces
- Forms a heavy, tenacious film to lubricate and cushion gear teeth
- Good extreme-pressure properties for protection under heavy or shock loads
- Good resistance to water washout
- Protects against corrosion
- Will not flake off at low temperatures
- Easy application, by brush, swab, spray gun or by automatic lubrication system^{(1) (2)}

⁽¹⁾ **Note:** The 4800 grade requires heating for pumping at ambient temperatures below 12°C (54°F).

**Chlorine-Free,
Solvent-Cutback,
Open Gear
Lubricant**

**Customer Service
Number:
1-888-766-7676**

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1-800-435-7761**

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⁽²⁾ **Caution:** This product contains solvent. Proper ventilation and fire safety precautions must be taken during application.

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Typical Properties

Grade	1750	4800
AGMA Grade	~14R	15R
Density, g/cm ³ @ 15.6°C (60°F)	1.031	1.031
Density, lbs/gal @ 15.6°C (60°F)	8.59	8.59
Color, Visual	Black	Black
Flash Point (COC), °C (°F)	115 (239)	124 (255)
Pour Point, °C (°F)	-12 (10)	12 (54)
Viscosity, with solvent:		
cSt @ 40°C	600	1,870
SUS @ 100°F	2,800	11,700
Viscosity, without solvent:		
cSt @ 100°C	378	1,029
SUS @ 210°F	1,750	4,800
Timken OK Load, ASTM D2782, lb	45	45

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

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