

## 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<sup>(1) (2)</sup>

<sup>(1)</sup> **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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<sup>(2)</sup> **Caution:** This product contains solvent. Proper ventilation and fire safety precautions must be taken during application.

### 76 Gearite® HD CF

#### Typical Properties

Grade	1750	4800
<b>AGMA Grade</b>	<b>~14R</b>	<b>15R</b>
Density, g/cm <sup>3</sup> @ 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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