



Open Gear Lube 595 NC

Conoco Open Gear Lube 595 NC is a black, viscous, semi-fluid, adhesive, asphaltic-based lubricant recommended for lubrication and cushioning of open and semi-enclosed gears typically found in heavy off-road equipment such as used in underground and surface mines, excavation, and rock quarries. It is diluted with a non-chlorinated solvent for ease of application. It is free of lead and carcinogens.

Open Gear Lube 595 NC is available in one grade: 595 NC. It is formulated with high quality paraffinic base oils, resins and asphaltic base oils. It contains extreme pressure additives for extended gear life where heavy gear teeth loads, high peak loads or intermittent shock loads exist. It adheres well to metal surfaces and will not harden or flake off at low temperatures.

Applications

- Open and semi-enclosed gears found in ball and rod mills, cement mills, drying kilns, papermaking machinery, presses, power shovels, and similar equipment
- Industrial gearboxes where heavy tooth loads, high-peak loads, or intermittent shock loads exist
- Guides and sliding surfaces with large clearances, where asphaltic-type lubricants are desired
- Cables on draglines, clamshells, shovels, hoists and cable-operated equipment where surface protection is needed and cable safety clamp devices are not used

Outstanding Features

- Excellent adhesion to metal surfaces
- Tenacious film provides lubrication and cushioning of gear teeth
- Extreme pressure and antiwear properties for protection under heavy or shock loads
- Resistant to water washout and corrosion
- May be applied by pressure gun, brush, swab, drip cup or caulking gun
- Non-chlorinated, free of carcinogens and lead

**Non-Chlorinated,
Asphaltic-Type
Lubricant For Open
And Semi-Enclosed
Gears**

**U.S. Technical
Services Hot line:
1-800-255-9556**

**U.S. Customer
Service:
1-800-640-1956**

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+1-832-486-3363**

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Open Gear Lube 595 NC
Typical Properties

Grade	595 NC
Color	Black
Appearance	Viscous, Semifluid
Specific Gravity @ 60°F (15.6°C)	1.0
Density, lb/gal	8.33
API Gravity	10.0
Diluent Content, wt %	8
Copper Corrosion (ASTM D4048)	1b
Rust Test, 24 hrs @ 140°F (60°C), (ASTM D1743)	Pass
Flash Point, °F (°C) (ASTM D92)	>300 (>149)
Base Oil Viscosity (ASTM D445), cSt @ 100°C	801
SUS @ 210°F	3736
Four-Ball Weld, kg (ASTM D2596)	400
Four-Ball Wear, Scar Diameter, mm, (ASTM D2266)	0.50
Mobility @ 25°F (-4°C), (Lincoln VE-1)	400
Operating Temperature Range, °F (°C)	>15 (>-10)

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