



PCL-EP

Phillips 66® PCL-EP is a light viscosity, extreme-pressure Penetrating Chain Lubricant specially formulated to lubricate drive chains operating under heavy loads. It is particularly recommended for sharp chains used in sawmills.

PCL-EP is formulated to provide excellent wear protection as well as rust and corrosion protection. The light viscosity allows the lubricant to penetrate and lubricate the critical pins and bushings of the drive chain for extended chain life. Extreme-pressure additives provide extra wear protection under heavy or shock loading.

Applications

- Sharp chains used in sawmills
- Industrial drive chains

Features/Benefits

- Good oiliness and extreme-pressure properties for wear protection
- Excellent rust and corrosion protection
- Good penetrating ability to lubricate drive chain pins and bushings

Extreme- Pressure Chain Lubricant

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WORLD
RUNNING
SMOOTHLY. 



PCL-EP

Typical Properties	
ISO Grade	46
Specific Gravity @ 60°F	0.872
Density, lbs/gal @ 60°F	7.26
Color, ASTM D1500	2.5
Flash Point (COC), °C (°F)	230 (446)
Pour Point, °C (°F)	-35 (-31)
Viscosity	
cSt @ 40°C	46.0
cSt @ 100°C	7.0
SUS @ 100°F	237
SUS @ 210°F	49.7
Viscosity Index	109
Foam Test, ASTM D892, Seq. I, mL	0/0
Four-Ball EP, ASTM D2783, Weld Load, kgf	200
Four-Ball Wear Test, ASTM D4172, Scar Diameter, mm	0.46
Rust Test, ASTM D665 A&B	Pass

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.