



HTOC 22

Phillips 66® HTOC 22 is a light viscosity, synthetic, High Temperature Oven Chain lubricant specially formulated to lubricate drive chains operating at elevated temperatures. It is particularly recommended for the lubrication of roller chains, slides and sprockets used in industrial drying, baking and coating processes.

HTOC 22 is formulated with premium base stocks and a proprietary additive system to provide excellent high temperature performance including low volatility and minimal residue forming tendency on wetted parts. HTOC 22 also provides superior solvency to help clean existing deposits from wetted parts. The light viscosity allows the lubricant to penetrate into critical pins and bushings of the drive chain where the antiwear additives provide protection against surge or shock loading to extended chain life. Corrosion and oxidation inhibitors further protect the chain and wetted parts against rust and corrosion.

Applications

- Oven chains operating up to 575°F (330°C)
- High temperature industrial drive chains such as those used in drying, coating or curing processes

Features/Benefits

- Low volatility provides reduced application rates
- Low residue forming tendency keeps the chain clean
- Good penetrating ability to lubricate drive chain pins and bushings
- Excellent rust and corrosion protection
- Good penetrating ability to lubricate drive chain pins and bushings

**High
Temperature
Oven Chain
Lubricant**

KEEPING THE
WORLD
RUNNING
SMOOTHLY. 



HTOC 22

Typical Properties		
ISO Grade		22
Specific Gravity @ 60°F	ASTM D4052	0.859
Density, lbs/gal @ 60°F	Calculated	7.15
Color	ASTM D1500	1.0
Flash Point (COC), °C (°F)	ASTM D92	144 (291)
Pour Point, °C (°F)	ASTM D97	-60 (-76)
Viscosity		
cSt @ 40°C	ASTM D445	25.0
cSt @ 100°C		6.4
Viscosity Index	ASTM D2270	234
Rust Test	ASTM D665-A	Pass
Falex Run-Up Test, lbf	ASTM D3233	1800
Four-Ball Wear, 40 kg, 1200 rpm @75°C, Scar Diameter, mm	ASTM D4172	0.28

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/SDS>