

Essential CR 450 Grease for Corrugator Service

Product Information

Description and Use

Essential CR 450 is a synthetic PFPE fluorinated grease that provides protection from rusting, high-temperature corrosion, and wear, while maintaining very good lubricity over a broad temperature range.

Uses include corrugator single facer bearings and preheater bearings.

Chemical and Environmental Compatibility

Essential CR 450 is nonflammable, chemically inert, and provides for significantly easier cleanup at roll change versus most other synthetic lubricants.

Re-Lubrication Interval

Essential CR 450 meets standard OEM re-lubrication specifications.

Mixability

Essential CR 450 can be mixed with other PFPE and PTFE thickened greases.

Storage and Shelf Life

Essential CR 450 has no expiration date and an indefinite shelf life, if unopened and stored in a clean dry location.

Typical Properties of Essential CR 450

Maximum Useful Temperature, °C (°F)	274 (525)
Oil Viscosity, cSt	
40 °C (104 °F)	440
100 °C (212 °F)	40
Specific Gravity of Grease	2.2
Oil Separation, % 30 hr at 204 °C (399 °F) ASTM D6184	<10
Appearance	White, creamy texture
NLGI Grade	2
Four Ball Wear Scar, mm ASTM D2266	0.9
Oil Volatility, Maximum % 22 hr at 204 °C (400 °F) ASTM D2595	<1.5

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