Product Information

Synolec® Lubricant (9963)

Synthetic Oil Keeps High-Temperature Chains and Conveyors Clean

High temperatures can cause conventional petroleum oils to oxidize rapidly and form deposits that interfere with smooth chain, conveyor and bearing operation. These deposits can cause chains to bind, jump sprockets or break and can cause conveyor rollers to slide or bind. Synolec® Lubricant (9963) is a pure synthetic SAE 40 oil formulated for spray, drip or brush application on chains and conveyors operating at high temperatures. It dissipates at high temperatures without leaving residue and helps remove deposits left by conventional petroleum lubricants.

Rust and oxidation inhibitors provide additional protection, while Monolec®, LE's exclusive wear-reducing additive, reduces friction and wear. With continued use, Synolec Lubricant keeps equipment clean and supports smooth, efficient operation.



Beneficial Qualities

Deposit Control

- Dissipates at high temperatures without leaving residue
- Helps remove deposits left by conventional petroleum lubricants
- Keeps chains, conveyors and bearings clean for smooth operation

Application & Service Life

- Applies easily with standard spray, drip or brush equipment
- Provides thermal and oxidation stability for long lubricant life
- Reduces lubricant consumption compared with conventional petroleum oils

Wear & Corrosion Protection

- Reduces friction and wear
- Protects against rust and corrosion
- Helps extend chain life and reduce equipment downtime

Proprietary Additive

LE's proprietary additives are used exclusively in LE lubricants. Synolec® Lubricant contains Monolec.

Monolec® wear-reducing additive creates a single molecular lubricating film on metal surfaces, vastly increasing oil film strength without affecting clearances. An invaluable component in LE's engine oils, industrial oils and many of its other lubricants, Monolec allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.

Technical Data

Synolec® Lubricant

	9963
Color	Green
SAE Grade	40
Relative Density @ 60°F/60°F, ASTM D1298	0.995
Viscosity @ 100°C, cSt, ASTM D445	14.30
Viscosity @ 40°C, cSt, ASTM D445	82.00
Viscosity Index ASTM D2270	180
Flash Point °C (°F), (COC), ASTM D92	262 (504)
Pour Point °C (°F), ASTM D97	-34 (-30)

Performance Requirements Met or Exceeded

- Baker Perkins 69D
- H2

Typical Applications

- High-temperature applications, including:
  - Chains
  - Conveyors

Recommendations

- Do not use where extreme pressure gear oil is required.
- Do not use in food preparation equipment where incidental contact may occur.



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LE operates under an ISO 9001 Certified Quality System.

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