


Lubrication Engineers, Inc.

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Item # 9965-DR, Monolec® High Temperature Oven Chain Lubricant 9965

Synthetic H2 Lubricant Penetrates Hot Oven Chains, Remains Thermally Stable & Reduces Energy Use

List Price

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QUOTE

Monolec® High Temperature Oven Chain Lubricant (9965-9966) is a specially formulated lubricant recommended for use on high-temperature oven chains, providing wear protection and lowering power consumption. It is a USDA H2 lubricant made of a synergistic blend of synthetic base fluids and high-performance additives, including Monolec, LE's exclusive wear-reducing additive. The synthetic base

 + [more](#)


[Benefits and Recommendations](#) | [Physical Characteristics - Typical](#) | [Performance Test Results](#)

Benefits and Recommendations
Available Container Size

Drum

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GHS Statement

For commercial and professional use only

High-Temperature Performance

- Offers broad temperature range; can be used up to 300°C (572°F)
- As temperature increases, lubricant forms a soft carbonaceous residue with solid lubricant properties and minimal buildup.
- Reduces coefficient of friction at elevated temperatures
- Provides superior oxidation stability
- Reduces volatility
- High flash point minimizes safety concerns when applying to hot chains

Beneficial Qualities***Water Resistance***

- Seals out damaging moisture
- Prevents corrosion

Wear Protection

- Effectively lubricates all moving parts of the chain
- Minimizes wear

Reduced Power Consumption

- Minimizes electrical energy needed for conveyor chain operation

LE's proprietary additives are used exclusively in LE lubricants. Monolec® High Temperature Oven Chain Lubricant contains Monolec.

Proprietary Additive

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 engineoils, industrial oils and many of its other lubricants, Monolec allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.

Performance Requirements Met or Exceeded

- USDA H2 (not intended for incidental food contact)

Typical Applications

- Automatic lubrication systems for baking ovens
- High-temperature oven chains such as those used in bakery ovens and kilns
- Kiln chain drives
- Skate chains in bread and bun baking
- Stenter and tenter chains

Asset Reliability Solutions

[Reliability Solution Products](#)

[9965 Johns Manville Corp](#)

Customer Testimonials

[9965 Leos Foods](#)

Physical Characteristics - Typical

Color	Light Amber
ISO VG	220

Performance Test Results

Relative Density @ 60°F/60°F, ASTM D1298	0.971
Viscosity @ 100°C, cSt, ASTM D445	18.77
Viscosity @ 40°C, cSt, ASTM D445	205.3
Viscosity Index ASTM D2270	101
Flash Point °C (°F), (COC), ASTM D92	300 (572)
Pour Point °C (°F), ASTM D97	-18 (0)

Four-Ball Wear @ 75°C, 1200 rpm, 40 kgf, 60 minutes, mm wear, ASTM D4172	0.40
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Falex Pin & Vee Block Wear 15 min., Teeth of wear @500 lb load, ASTM D2670	3
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