

KSL[®] SYNTHETIC CHAIN OIL

SynTemp Chain Oil

SynTemp Synthetic Chain and Conveyor Oils are fully synthetic lubricants designed to lubricate bearings, chains, slides and gears in applications where temperatures often exceed 500°F.

SynTemp Synthetic Chain and Conveyor Oils are formulated with special synthetic diesters and polymers that provide exceptional performance in severe conditions encountered in drying ovens, leaving no carbon or solid residues.

SynTemp Synthetic Chain and Conveyor Oils are for use on roller chains and sliding conveyors at low to high temperatures. They can be used in many applications, including plain and antifriction bearings, cams and slides and circulating oil systems. KSL-217 (SynTemp 150 M) is recommended for tenter frames.

Features

- All synthetic
- Diester-based
- Low Volatility
- Excellent Lubricity

- Soluble "Moly"

Performance

- Temperature-stable; no varnish or carbon,
- Low friction lowers amperage; no deposits penetrates and dissolves most gums and varnishes,
- Low volatility reduces consumption,
- Longer life of chains, conveyors and rails,
- KSL-217 (SynTemp 150 M), or KSL 550 (SynTemp 220 M); improve high-temperature wear protection; no solid deposits.

Applications

- Tenter Frames
- Lithographing Ovens
- Building insulation
- Gypsum Board and Plywood Kilns
- Lubricating and Circulating Oil
- Annealing oven chains

- KSL-217 (SynTemp 150 M) or KSL-215 –(SynTemp 150) where light color is required.
- KSL-550 (SynTemp 220 M) or KSL-725 (SynTemp 320) for lowest volatility rate.
- KSL-550 (SynTemp 220 M) or KSL 725 (SynTemp 320) for minimum consumption.
- KSL-217(SynTemp 150 M), (KSL-550 SynTemp 220 M) or KSL-725 (SynTemp 320) for slowest evaporation rate.

TOTAL Lubricants USA, Inc.

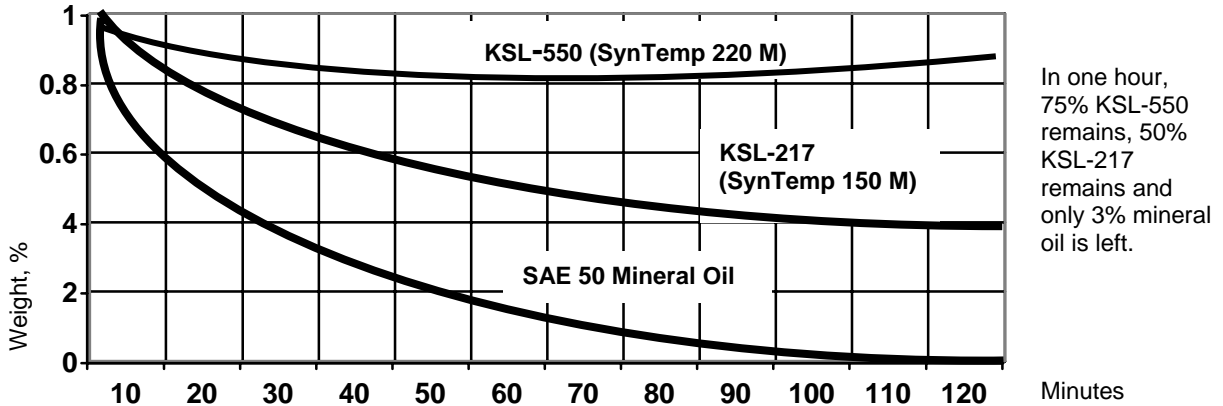
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SynTemp Chain Oil Synthetic Lubricants vs. Mineral Oil
Evaporation Rate at 450°F



KSL Synthetic Chain & Conveyor Lubricants Typical Properties

Typical Properties	KSL 213 <i>SynTemp</i> 32	KSL 215 <i>SynTemp</i> 150	KSL 217 <i>SynTemp</i> 150 M	KSL 550 <i>SynTemp</i> 220M	KSL 725 <i>SynTemp</i> 320
ISO Viscosity Grades	32	150	150	220	320
Kinematic Viscosity, cSt, 40°C	29.2	150	150	202	320
Kinematic Viscosity, cSt, 100°C	5.6	15	15	16.4	23
Viscosity Index	130	100	100	80	80
Flash Point, C.O.C. ASTM D 92, °F	470	450	480	540	465
Fire Point, C.O.C., °F	530	540	540	590	540
Pour Point, ASTM D 97, °F	-50	-20	-20	-25	-20
Appearance	yellow	yellow	green	green	yellow
Contains "Soluble Moly"			✓	✓	

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