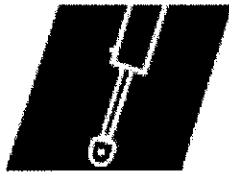


SYNTEMP CHAIN OIL



LUBRICATION



TOTAL

Synthetic (Diester) Chain and Conveyor Oil.

APPLICATIONS

Chains and conveyors.

- **SYNTEMP CHAIN OILS** are fully synthetic lubricants designed to lubricate bearings, chains, slides, and gears in applications where temperatures often exceed 500°F.
- **SYNTEMP CHAIN 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.
- Uses include: roller chains and sliding conveyors at low and high temperatures, plain and anti-friction bearings, cams, slides, circulating oil systems, lithographing ovens, tenter frames, annealing ovens, gypsum board kilns, plywood kilns, and building insulation.
- When tested on oven chains against standard SAE 50 mineral oil at 450°F for 2 hours: 75% of **SYNTEMP 220M** remained, 50% of **SYNTEMP 150M** remained, and only 3% SAE 50 mineral oil remained.

Recommendations for use:

- When a light colored product is needed, use **SYNTEMP 150**.
- For the lowest volatility rate, use **SYNTEMP 320**.
- For minimum consumption, use **SYNTEMP 320**.
- For the slowest evaporation rate, use **SYNTEMP 220M**.

ADVANTAGES

Long equipment life and high operating reliability.

- Temperature stable.
- High protection against wear insuring maximum equipment life.
- Resistance to hydrolysis and oxidation.
- Low volatility which reduces consumption.
- Longer life of chains, conveyors, and rails.
- No varnish, carbon, or solid deposits.
- Low friction reduces amperage.

TYPICAL CHARACTERISTICS	METHODS	SYNTEMP CHAIN OIL				
		32	150	150M	220M	320
Appearance	Visual	Yellow	Yellow	Green	Green	Yellow
Viscosity at 40°C, cSt.	ASTM D 445	32.0	150.0	150.0	220.0	320.0
Viscosity at 100°C, cSt	ASTM D 2270	5.6	15.0	15.0	16.4	23.0
Viscosity Index	ASTM D 2270	130	100	100	80	80
Flash Point, COC, °F	ASTM D 92	470	450	480	540	465
Fire Point, COC, °F	ASTM D 92	530	540	540	590	540
Pour Point, °F	ASTM D 97	-50	-20	-20	-25	-20
Contains "Soluble Moly"		No	No	Yes	Yes	No

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