

## JICHUAN SYNTHETIC OVEN CHAIN OIL

### PRODUCT DESCRIPTION:

JICHUAN SYNTHETIC OVEN CHAIN OIL is specially formulated for the lubrication of conveyer chains exposed to high temperatures. It is highly effective in metal-to-metal contact, particularly where movement is restricted. JICHUAN Synthetic Oven Chain Oil provides lubrication, extreme pressure & wear protection, rust protection and oxidation resistance over a wide range of temperatures. It prevents metal parts from seizing and does not affect operational clearances. After the oil has either vaporized or drained from the surface, a coating of graphite is left to provide lubrication. JICHUAN Synthetic Oven Chain Oil resists separation in storage or periods of up to six months. After prolonged storage the product need only be agitated before use.

### TYPICAL APPLICATIONS:

- Lubrication of oven conveyor chains.
- Lubrication of furnace parts such as pulleys, sprockets, hinges, bearings and other parts exposed to high temperatures
- Wherever it is desirable to provide a coating of dry lubricant should the liquid lubricant be vaporized or drained away

### TYPICAL APPLICATIONS:

- Operations of: drying ovens, curing ovens (e.g. glass fiber insulation manufacturers), high temperature kilns (e.g. brick yards), basic metal mills, heat treating plants, foundries.

### OUTSTANDING FUNCTIONAL CHARACTERISTICS:

- Controlled Volatility - tailored volatility insures time for base oil to penetrate links, pins, bushings - carrying graphite with it.
- Minimum Residue - when subjected to heat, special synthetic base oil evaporates cleanly, leaving behind a minimum amount of powdery residue.
- Good Wetting Properties - Wetting aids migration of graphite to contacting surfaces for lubrication.
- Rust Protection - protects those parts exposed to water and/or steam condensate.
- Storage Stability - graphite will remain dispersed during long, static storage periods
- Extreme-Pressure Protection - formulated to provide extreme-pressure



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protection and anti-wear properties which permit chain operation with a relatively lower power consumption.

## TYPICAL INSPECTIONS

DENSITYg/cm@15°C.	0.8568
GRAVITY,°API	33.7
FLASHPOINT,COC°C.(°F.)	160(320)
POURPOINT,°C.(°F.)	-33(-27)
VISCOSITY:	
SUS@100°F.	567
SUS@210°F.	62.0
cSt@40°C.	107.6
cSt@100°C.	10.47
VISCOSITYINDEX	74
APPEARANCE	BLACK
ASH,DRYWT. %	<0.01

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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