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# Product Data Sheet



**NOTE:** The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of May 13, 2002.

## SYNTHETIC OVEN CONVEYOR CHAIN LUBRICANTS

### CO-250 High Temp Chain Oil

*CO-250 was specifically developed for high temperature roller chains operating at temperatures in excess of 200°C. CO-250 should be used for the chains, steel belts and heated press platens found in continuous particle board and wood laminate machinery.*

### Physical Properties

Characteristic	Typical Performance
Base Oil	Ester
Color	Yellow-orange, transparent
Specific Gravity 20°C	0.912
Refractive Index	1.488
Service Temp. Range, °C	-30 to 250
Flash Point, °F (°C)	446 (230)
Pour Point, °F (°C)	-31 (-35)
Kinematic Viscosity	
@ 20°C, cSt	800
@ 40°C, cSt	260
@ 100°C, cSt	30
Viscosity Index	150
Evaporation Loss	
1°K/min, (% weight loss)	
120°C	0.3
160°C	0.9
200°C	3.3
240°C	10.9
Four Ball Test Machine	
welding load, (N)	2400
wear scar	
1 hour at 150 N, (mm)	0.2
1 hour at 400 N, (mm)	0.3

#### FEATURE

Special synthetic base oil  
High temperature stability

Low evaporation rate  
High wear protection  
Good spreadability

#### METHOD OF APPLICATION:

Automatic lubrication systems are recommended.

#### BENEFIT

Prevents residue build-up.  
Offers effective lubrication at high temperatures.  
Minimizes oil consumption.  
Increases chain life.  
Enables oil to penetrate extremely narrow gaps at the lubrication point.