Product information

CO-250

High temperature chain oil

Your benefits at a glance

- Special synthetic base oil: prevents residue build-up
- High temperature stability: offers effective lubrication at high temperatures
- Low evaporation rate: minimizes oil consumption
- High wear protection: increases chain life
- Good spreadability: enables oil to penetrate extremely narrow gaps at the lubrication point

Your requirements - our solution

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.

Application

Chains, steel belts and heated press platens

Application notes

Automatic lubrication systems are recommended.

Material safety data sheets

Material safety data sheets can be requested via our website https://www.klsummit.com. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	CO-250
Article number	340016
NSF H2 registration number	140311
Density, 20°C	approx. 0.921 g/cm³
Fire point	285 °C
Flash point, ASTM D92, Cleveland open cup	≥ 250 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 29.4 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 20°C	approx. 800 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 250 mm²/s
Viscosity index, ASTM D2270	approx. 155
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -50 °C
Four-ball tester: wear characteristics, ASTM D4172, method: B, 1200 min^{-1} / 40 kgf, 60 min, 75°C	approx. 0.30 mm
Four-ball tester, welding load	2400 N
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

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Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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