Product information

CO-120FG Extreme

High-temperature food grade chain oil

Your benefits at a glance

- Good wetting properties
- Excellent penetration with high dispersion stability

Your requirements - our solution

CO-120FG Extreme is a synthetic high-temperature food grade chain oil built to excel in extreme conditions. White solid lubricants are used in place of graphite solutions, which helps to improve food safety and avoid the contamination that comes with black particles. CO-120FG Extreme is used to lubricate chains operating at temperatures up to 1,202 °F. It also offers good wetting properties and excellent penetration with high dispersion stability.

CO-120FG Extreme chain oil can be used for the lubrication of transport chains operating in the food processing industry at very high temperatures, e.g. plate carrier chains in baking ovens, commonly found in bread, tortilla and pizza production lines.

Application

Transport chains operating in the food processing industry at very high temperatures.

Application notes

CO-120FG Extreme should always be shaken or agitated before use to make certain the white solid lubricants are in suspension.

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-120FG EXTREME
Article number	340428
Composition, solid lubricant	solid lubricant
Composition, type of oil	polyalkylenglycol
Colour space	white
Texture	liquid
Service temperature, lower limit	-40 °C
Service temperature, upper limit	650 °C
NSF H1 registration number	155259
Density, DIN 51757, 20°C	approx. 1.04 g/cm³
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 20.0 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 120 mm²/s
Viscosity index, ASTM D2270	approx. 190
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 20 mm²/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 120 mm²/s
Steel corrosion, DIN ISO 7120 / ASTM D665, method B, 24 h, 60°C	rust-free

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Characteristics	CO-120FG EXTREME
Mineral Oils associated with, MOAH (Mineral Oil Aromatic Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.)	No component of recipe
Mineral Oils associated with, MOSH (Mineral Oil Saturated Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.)	No component of recipe
Per- and polyfluoroalkyl substance (PFAS), (Information based on recipe. The presence of impurities, cannot be ruled out.)	No component of recipe
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Summit Lubrication

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