

Product Information:

S-3403

Synthetic Chain Lubricant



Description:

S-3403 is a special synthetic chain lubricant specifically designed and manufactured for use in high temperatures and other adverse conditions where conventional lubricants would fail. It is a blend of polyisobutylene, esters and performance enhancing additives that have excellent thermal stability at elevated temperatures, combined with low volatility and high oxidation resistance. S-3403 continues to provide excellent lubrication at the extremes of its working range for long periods, even with rapid temperature fluctuations. It has a very low acid value, high degree of inertness, is unaffected by smoke and the latest development is a low odour formulation that is resistant to fumes and corrosive atmospheres. S-3403 is also very resistant to water washing and hydrolysis.

If the top design temperature of this chain lubricant is exceeded, the lubricant evaporates away cleanly without leaving residues. As soon as temperatures are back to within the operating range, machinery can be re-lubricated and restarted immediately without any damage or necessity for dismantling.

Applications:

Recommended for all chain drives working in high temperatures and difficult conditions. Particularly recommended for duplex or triplex roller chains and inverted tooth and compact drives where cooling is a problem.

Suitable for all applications with elevated temperatures including chain grate and stoker drives, furnace door openers in steel works, roller and overhead kiln conveyors found in ceramics and brick industries.

Physical Characteristics:

Operating Temperature Range (°C)	-20 to 375
Appearance	Pale straw liquid
Density @ 15°C	0.960
Viscosity @ 40°C (cSt)	294.5
Viscosity @ 100°C (cSt)	23.4
Viscosity Index	100
Closed Flash Point (°C)	200
Auto-ignition temp (°C)	400
Acid Value (mg/KOH/g)	0.2

Figures based on average production values

Part No.s: SCL005, SCL025

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