

STABYLAN 5001

Fully synthetic high-temperature chain-lubricant

Performance Features

- temperature range: -15 / +240 °C
- low evaporation losses, thus reduced consumption
- excellent adhesion
- reduces friction, excellent protection against wear
- does not form any solid residues
- protects against corrosion and fretting corrosion
- good penetration into the chain links



chain
lubrication



sliding surfaces



high
temperatures

Description

STABYLAN 5001 is a fully synthetic high-temperature chain oil with high corrosion protection properties and outstanding temperature stability. STABYLAN 5001 does not form solid residues at high temperatures, thus allowing a long life of the chains used. Furthermore the friction is reduced by the excellent wear protection, even at elevated temperatures.

Field of application

STABYLAN 5001 is especially suitable for high-temperature applications of all types of conveyor and drive chains in, for example, the chemical and automotive industries, mechanical engineering, wood and plastics processing, packaging equipment or textile industry.

Method of application

Product Information



LUBRITECH
Special Application Lubricants

STABYLAN 5001 should be applied onto the chain using automatic chain lubrication equipment. STABYLAN 5001 can also be applied manually, by brush, oiler or drip lubricator. Unproblematic application by spray can as well, as STABYLAN 5001 SPRAY.

Technical Data: STABYLAN 5001

Characteristics	Value	Unit	Test Method
Colour	yellow		
Temperature range	-15 / +240	° C	LLS 134
Base oil	syn		
Base oil viscosity [40°C]	180	mm²/s	DIN 51562-1
Base oil viscosity [100 °C]	16	mm²/s	DIN 51562-1
Viscosity index	91		DIN ISO 2909
Pourpoint	-20	° C	DIN ISO 3016
SRV-test, specimen	ball/plate		LLS 069
Load	300	N	
Temperature	200	° C	
Duration of testing	1	h	
Friction value	0.12		

LLS = LUBRITECH Laboratory Specification

Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.

FUCHS LUBRITECH provides service and individual advice. Please contact us!

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