

# STRUB HT PU 550 Synth

Synthetic bearing grease for low and high temperatures  
Free from heavy metals

**Art.-No. 31583**

## Description

STRUB HT PU 550 Synth is a polyurethane grease, with specially selected EP additives and synthetic oils. These properties guarantee a long service life even at high temperatures for extended periods. Even at low temperatures (- 40°C) it is easy to process or pump and retains its excellent properties. STRUB HT PU 550 Synth is highly resistant to oxidation, insoluble in water and has much better high-pressure lubricating properties than greases containing mineral oil. Furthermore, it has excellent shear stability and acts as a corrosion inhibitor even in the presence of water.

## Application

STRUB HT PU 550 Synth is a synthetic lubricant for all branches of industry where low to very high operating temperatures (-40°C to +180°C) prevail. Especially for the lubrication of ball, roller, plain and needle bearings made of various materials with high speeds, long service intervals and high pressure. STRUB HT PU 550 Synth is also ideally suited for bearing lubrication of electric motors, fans, generators conveyor systems, etc.

## Technical data

Color	-	-	yellow
Aspect	-	-	homogeneous, smooth
Stiffener	-	-	Polyurea
Application temperature	-	°C	- 40 to +180
Drop point	NFT 60-102	°C	275
Fulling penetration 60 strokes	NFT 60-132	mm 1/10	265 - 300
NLGI class	ISO 2137	-	2
Corrosion test 24h at 100°C	ASTM D4048	Rating	1b
4 ball test	ASTM D2596	kgf	≥ 300
4 ball test 1h with 40 kg	ASTM D2266	kgf	0.40
Base oil viscosity (40°C)	NFT 60-100	mm <sup>2</sup> /s	86
Oil exudation 30h at 100°C	FTM 321/2	%	3
Penetration at - 40°C	NFT 60-171	mm 1/10	130
Resistance to water	DIN 51807 B	-	1-90

## Transport

ADR/SDR No dangerous goods

## Disposal

LVA VeVA / EAK: 12 01 12

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