

MINERAL WOOL

INDUSTRIES

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# CURING OVENS CHAINS

## ESTAR 250 SUPER

Proven high temperature oil

## ESTAR 250 SUPER PLUS

High efficiency solution

## ESTAR 250 XT

- Higher flash point
- Lower evaporation rate
- Less residual
- Fire preventive

**NEW  
GENERATION OF HIGH  
TEMPERATURE  
ESTER OIL**

## HIGH TEMPERATURE ESTER OILS

Lubricant	Viscosity at 40°C	Base oil Nature	Flash / Fire point	Continuous operating temperature range
ESTAR 250 SUPER	250	Ester	280/305°C	-35 to +280°C
ESTAR 250 SUPER PLUS	255	Ester	290/310°C	-40 to +300°C
ESTAR 250 XT	260	Ester	305/340°C	-15 to +305°C

RECOMMENDED BY MÜNSTERMANN, IZOTEH & GAMMA MECANICCA

## EVAPORATION TEST AT 250°C DURING 40H

■ Fluid ■ Semi-Fluid ■ Dry (Residues)



## COKING RESIDUES ASPECT AFTER 42 HOURS AT 250°C



CONVENTIONAL HIGH TEMPERATURE ESTER OIL



ESTAR 250 XT

## CURING OVENS BEARINGS

### NEW GENERATION OF HIGH TEMPERATURE ESTER GREASES

#### STARPLEX HT 462

- Very good high temperature stability
- Long life time
- Very good lubricating properties
- Price comparing to fluorinated greases

#### FLUOSTAR H 2 PLUS

- Exceptional high temperatures stability
- Very long re-lubrication frequency (more than 3 months)
- Full compatibility with rubbers and elastomers
- No flammable

### HIGH TEMPERATURE GREASES

Lubricant	Base oil Viscosity NLGI Grade	Base oil Nature	Thickener Nature	N. dm	Continuous operating temperature range
<b>STARPLEX HT 462</b>	460/2	Ester	PTFE/Gel	> 300 000	-20 to +200°C
<b>FLUOSTAR H 2 PLUS</b>	400/2	PFPE B	PTFE	> 300 000	-30 to +260°C

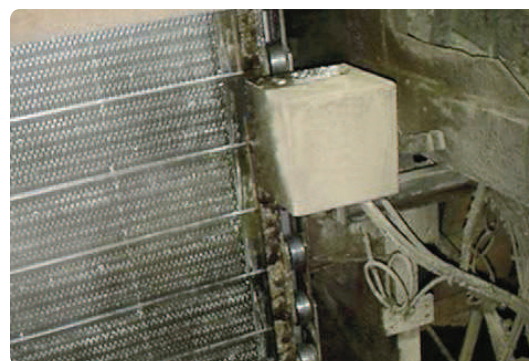
## FORMING SECTION CHAINS

#### ESTAR 110 HT

- Very good efficiency on wet forming chains
- Prevents filter clogging
- Biodegradable

#### VISCOL 150 WR

- Conventional mineral chains oil
- Water repellent
- Low cost



### OILS

Lubricant	ISO VG Viscosity	Base oil Nature	Flash point	Continuous operating temperature range
<b>ESTAR 110 HT</b>	100	Polyester	260°C	-5 to + 220°C
<b>VISCOL 150 WR *</b>	150	Mineral	230°C	-10 to +150°C

\* Available in 68, 100 and 220 cSt viscosities

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