

# POLYGREASE

LONG LIFE SYNTHETIC GREASE

310074-310075/01.24

Rev. 2

## DESCRIPTION & APPLICATIONS

POLYGREASE is high-tech grease made of a polyurea thickener and fully synthetic base oil.

Is used for a long lubrication of bearings for both very low and very high temperatures, e.g. electric motors, calanders, etc.

NB : polyurea greases are most of the time not compatible with other types of greases; accordingly mixing should be avoided.

Approval

VOLVO CONSTRUCT articulated Dumpers serie D

## ADVANTAGES

- Exceptional resistance to high temperatures (> 2000 h at 150 ° C).
- Longer lubrication intervals.
- Wide temperature range - 40 ° to + 180 ° C continuous use.
- Very high oxidation resistance due to the exceptional thermal stability.

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used greases disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 1 year(s) in closed container and sheltered.

# POLYGREASE

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Thickener	-	-	polyurea
Color	-	-	light yellow
NLGI-grade	-	ASTM D 217	2
Penetration at 25°C after 60 strokes	1/10 mm	NFT 60132	280
Penetration at 25°C after 100000 strokes	1/10 mm	NFT 60132	290
Dropping point	°C	NFT 60102	240
Application temperature	°C	-	-40 to 180
Viscosity of the base oil at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	100
Copper corrosion	-	ASTM D 130	1b
4 Ball weld load	kg	ASTM D2596	315
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	0,40
Corrosion resistance	-	SKF Emscor	0/0
Product number	400 gr	-	310074
Product number	18 K	-	310075

*The average values are given for information only.*