

# THERMOPLEX

## MULTIFUNCTIONAL HIGH PERFORMANCE GREASE

310013-310034-310048-310058-310059-310201/01.18

Rev. 13

### DESCRIPTION & APPLICATIONS

THERMOPLEX is an EP (Extreme Pressure) grease developed from a lithium complex soap

THERMOPLEX is a universal 'long life-grease, particularly suitable for prolonged use in a wide temperature range from - 20 ° C to + 160 ° C, with peaks to 180 ° C

THERMOPLEX is suitable for high speeds and to heavy loads and shocks such as:

- Lubrication of truck axles.
- Lubrication of all ball, roller or needle bearings, and bearings for heavy pressure and high temperature are, even in the presence of water.
- lubrication of all joints.

THERMOPLEX is classified as KP2N-25 according to DIN 51502 and ISO-L-XCDIB2 according to ISO 6743

### ADVANTAGES

- Multifunctional
- Prolonged stable (hardens and does not bleed)
- Oxidation Resistance
- Excellent adhesion
- Good pumpability

### 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: 3 year(s) in closed container and sheltered.

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## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Thickener	-	-	lithium-complex
Color	-	-	green
NLGI-grade	-	ASTM D 217	2
Penetration at 25°C after 60 strokes	1/10mm	ISO 2137	265-295
Dropping point	°C	IP 396	250
Application temperature	°C	-	-20 to 160
Viscosity of the base oil at 40°C	mm²/s (cSt)	ASTM D-445	210
4 Ball weld load	kg	ASTM D2596	450
Water resistance	-	-	insoluble
Water washout at 39°C	%	ASTM D1264	1,25
Product number	180 K	-	310013
Product number	50 K	-	310058
Product number	18 K	-	310048
Product number	5 K	-	310059
Product number	400 gr	-	310034

*The average values are given for information only.*