

Extreme pressure greases based on lithium soap and highly refined mineral base oils.

PERFORMANCES

Grade 0 : DIN 51502:KP0K-20 ; ISO 6743 / 12924:L-XBDHB0
 Grade 00 : DIN 51502:KP00K-20 ; ISO 6743 / 12924:L-XBDHB00
 Grade 000 : DIN 51502:KP000K-20 ; ISO 6743 / 12924:L-XBDHB000
 Grade 1 : DIN 51502:KP1K-20 ; ISO 6743 / 12924:L-XBDHB1
 Grade 2 : DIN 51502:KP2K-20 ; ISO 6743 / 12924:L-XBDHB2
 Grade 3 : DIN 51502:KP3K-20 ; ISO 6743 / 12924:L-XBDHB3

ADVANTAGES

The extreme pressure additives of ROULEMENT EP give them special characteristics in terms of load and shock resistance, thus preventing seizure or abnormal wear on moving surfaces. Finally, their high drop points enable components subject to high temperatures and loads to function properly.
 Usable for temperatures varying from – 30°C to + 140°C

USES

Industry:

Ball and roller bearings
 Plain bearings
 Centralised lubrication systems on machine tools
 HGVs and public works equipment:
 Centralised greasing systems on HGVs
 Track rollers
 Suitable for central vacuum lubrication.

In the agricultural field:

Angle drive gearboxes on combine harvesters for the NLGI 00 grades.

Characteristics	Units	Standards	Values		
			3	2	1
Grade	-	-	3	2	1
Nature of soap	-	-	Lithium	Lithium	Lithium
Colour	-	-	Ambre	Ambre	Ambre
Texture	-	-	Smooth	Smooth	Smooth
Drop point	°C	NF T 60-102	190	190	180
Worked penetration 60	-	NF T 60-132	235	280	325
4 balls test – Wear 1hr/40 kg mm	-	ASTM D 2266	<0.6	<0.6	<0.6
Welding load	Kg	-	285	285	285

Technical data sheet

Characteristics	Units	Standards	Values		
			000	00	0
Grade	-	-	000	00	0
Nature of soap	-	-	Lithium	Lithium	Lithium
Colour	-	-	Ambre	Ambre	Ambre
Texture	-	-	Lisse	Lisse	Lisse
Drop point	°C	NF T 60-102	170	170	170
Worked penetration 60	-	NF T 60-132	460	415	370
4 balls test – Wear 1hr/40 kg mm	-	ASTM D 2266	<0.6	<0.6	<0.6
Welding load	Kg	-	285	285	285

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

Document ref. : IX-06-1510
Date of publication : 07/03/2017

Technical data sheet