

QualiTack[®] 3112 W

Lithium Calcium



Description

QualiTack 3112 W is a very strong water-resistant and load carrying grease developed on basis of a high viscosity mineral base oil. The thickener is a Lithium-Calcium soap . QualiTack 3112 W is leadfree and the pca content in the baseoils is below 3%. The EP-additives are free of sulphur which protects the softer type metals as found in some bearing systems .

Properties

- Enhanced rust protection
- Outstanding load carrying capacity
- Good oxidation stability
- Resistance against high shock loads
- Strong water resistance

Application

QualiTack 3112 W is a lighter version of the 3112 , the W (winter) indicates the preference to use this product under colder operating conditions . The product is developed for heavy load applications running at moderate speed where water-ingress is a risk . The product should not be used in high speed bearing systems as the high viscosity might cause overheating of the system .

ISO Norm:

ISO 6743-9; L-XBCHB 2

DIN Standard:

DIN 51502; KP2K-20

Technical specifications

Thickener		Lithium Calcium
Base oil		Mineral
Colour	Visual	Brown
Consistency	ASTM D217	NLGI 2
Drop point	Mettler	>180°C
Base oil viscosity @ 40°C	Iso 3140	420 mm ² /s
Base oil viscosity @ 100°C	Iso 3140	26 mm ² /s
4-Ball weld load	DIN 51350	4200 N
Temperature	Continuous period	-20°C – 120°C
Temperature	Short period @ max	130°C