

QualiTack[®] 3112

Lithium Calcium



Description

QualiTack 3112 is a very strong water resistant grease developed on basis of a high viscosity base oil. The thickener is a Lithium-Calcium soap . QualiTack 3112 is lead free and the pca content in the base oils 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
- Strong water resistance

Application

QualiTack 3112 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 create 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	IP 396	>180°C
Base oil viscosity @ 40°C	ASTM D 7152	1000 mm ² /s
Base oil viscosity @ 100°C	ASTM D 7152	48 mm ² /s
4-Ball weld load	DIN 51350	5500 N
Temperature	Continuous period	-20°C – 120°C
Temperature	Short period @ max	130°C