ALTIS EM 2

DESCRIPTION

High temperature high speed polyurea grease.

APPLICATIONS

ALTIS EM 2 is pre-eminently designed for the lubrication of electrical motor bearings.

Also suitable for lubrication of bearings, slides, racks subjected to high temperatures in dry and mildly humid environments, bearings of electric motors, generators, bearings of extraction fans for hot gas or steam, bearings of dryers, pumps, oven conveyors, and all other applications where rotation speeds and temperatures are high.

SPECIFICATIONS

ISO 6743-9: L-XBEEA 2

DIN 51502: K2P -20

ADVANTAGES

Allows long re-lubrication intervals.

Very good stability in application and in storage.

Can be easily pumped and injected.

Very good adhesion to metals.

Excellent antirust and anticorrosion properties.

Excellent thermal stability linked with excellent reversibility.

ALTIS EM 2 does not contain lead, or other heavy metals considered harmful to human health and the environment.

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RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

TYPICAL CHARACTERISTICS

PROPERTIES	METHODS	UNITS	ALTIS EM 2
Soap / Thickener		-	Polyurea
NLGI Grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Green
Appearance	Visual	-	Smooth
Operating temperature range	-	°C	-20 to 160
Penetration at 25°C	ASTM D 217 / DIN 51 818	0.1 mm	265-295
Oil separation 168 hrs. at 40°C	DIN 51 817/IP 121/NFT 60-191	% mass	< 1
Bearing behavior 10.000rpm/149°C	ASTM D 3336	Hrs.	> 1300
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	Rating	0 - 0
Dropping point	IP 396/NFT 60 102 C	°C	> 260
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm^2/s (cSt)	110
FAG-FE9 3000/1.5/170 °C	DIN 51821	Hrs F10/F50	> 225

Above characteristics are mean values given as an information.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

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