



# ALTIS MV2

## DESCRIPTION

**High temperature high speed extreme pressure polyurea grease.**

## APPLICATIONS

**ALTIS MV 2** is pre-eminently suitable for extended lubrication intervals for applications running under severe conditions.

Typical applications are: ventilator bearings, anti-friction bearings, roller and needle bearings, steering systems and industrial roller bearings on the dry section of a paper mill. Can be used in all types of industrial bearings working under normal to severe high temperature conditions, medium to high rotational speeds, and medium to high loads.

## SPECIFICATIONS

ISO 6743-9: L-XBEEB 2

DIN 51502: KP2P -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 MV 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

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](http://ms-sds.totalenergies.com)

## 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 MV 2
Soap / Thickener		-	Polyurea
NLGI Grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Green
Appearance	Visual	-	Buttery
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.	>1200
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	Rating	0-0
Dropping point	IP 396/NF T 60 102 C	°C	>240
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	160
Four ball EP weld load	ASTM D 2596	Kg	>400

Above characteristics are mean values given as an information.

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