



# ALTIS SH2

## DESCRIPTION

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

## APPLICATIONS

**ALTIS SH 2** is a top of the range synthetic grease designed for factory fill and sealed-for-life applications.

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 dryers, pumps, oven conveyors, and all other applications where rotation speeds and temperatures are high and/or low.

## SPECIFICATIONS

ISO 6743-9: L-XDFEB 2

DIN 51502: KP2R- 40

## ADVANTAGES

Excellent durability and stability when subjected to a mechanical shearing force.

Very good stability in application and in storage.

Can be easily pumped and injected.

Outstanding high and/or low temperature behavior.

Very good adhesion to metals.

Excellent antirust and anticorrosion properties.

Excellent thermal stability linked with excellent reversibility.

**ALTIS SH 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 SH2
Thickener	Internal	-	Polyurea
NLGI Grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Yellow
Appearance	Visual	-	Smooth
Temperature range	-	°C	-40 to +180
Penetration at 25°C	ASTM D 217 / DIN 51 818	0.1 mm	265-295
Flow pressure 1400 mbar	DIN 51805	°C	<-40
Dropping point	IP 396 / DIN ISO 2176	°C	>260
Copper corrosion	ASTM D4048	Rating	Max 1b
4 ball wear	ASTM D2266	mm	≤0,6
4 ball EP	ASTM D2596	kgf	>250
FAG FE9 6000/1,5/160°C	DIN 51821	H L10/L50	300/>400
Corrosion protection	ISO 11007	Cotation	0-0
Base oil viscosity at 40°C	ASTM D445 / DIN51562-1/ ISO3104 / IP71	mm <sup>2</sup> /s (cSt)	80

Above characteristics are mean values given as an information

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