



# TURMOGREASE Li AzR SAE AMS 3057



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**TURMOGREASE Li AzR SAE AMS 3057** is a special grease for gears in the aviation industry.

## Special properties

- Excellent corrosion and wear protection
- Constant dynamic viscosity under shear force
- Excellent low temperature behaviour
- High oxidation resistance
- Emulsive with condensations water
- NCAGE-Code DD471

Product Characteristics	Value	Dimension	Norm / Standard
Colour	light beige		
Density at 20°C	0,93	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-55 to 140	°C	
Thickener	Lithium soap		
Base oil	Composition of synthetical oils		
Kin. viscosity of the base oil at 40°C	12,5	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	3,5	mm <sup>2</sup> /s	DIN EN ISO 3104
Dynamic viscosity of the base oil at -56°C	< 12000	mPa*s	DIN 51398
Dynamic viscosity at -56°C	< 1 000 000	mPa*s	ZF 000 701 252
Dynamic viscosity at 20°C	2100 ± 600	mPa*s	DIN 51 398
FZG Scuffing load stage A/2,8/50 special test	> 12		ISO 14635-3

## Application

**TURMOGREASE Li AzR SAE AMS 3057** has been developed for the lubrication of rotary actuators at the landing/wing flaps of the Airbus-Fleet.

**TURMOGREASE Li AzR SAE AMS 3057** accomplishes all requirements according to AMS 3057 and was approved by Liebherr Aerospace.

**TURMOGREASE Li AzR SAE AMS 3057** is miscible in any ratio with other greases corresponding to AMS 3057.

## Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 25 kg hobbock, 180 kg drum

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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