

AEROGREASE N 31089



Aviation



Premium bentone clay grease with synthetic base oil (5 mm²/s at 100 °C).

APPLICATIONS

TOTAL AEROGREASE N 31089 is especially recommended:

- For lubricating heavily loaded, fast rotating bearings operating in a wide temperature range.
- Thanks to its sophisticated formulation, **TOTAL AEROGREASE N 31089** makes it particularly suited for the lubrication of bearings subject to vibration. **TOTAL AEROGREASE N 31089** has outstanding anti-fretting and anti false brinelling effect properties.
- **TOTAL AEROGREASE N 31089** is suitable for applications operating in the temperature range - 54 to 177 °C.
- For long life interval lubricating.

SPECIFICATIONS

- Approved by helicopter manufacturer (**ECS 2205 - EUROCOPTER**).

ADVANTAGES

TOTAL AEROGREASE N 31089 is formulated to provide:

- Excellent protection against false brinelling effect,
- Extra protection against oxidation, corrosion and rust,
- Extreme pressure/antiwear properties,
- Excellent resistance to water,
- Good pumpability.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AEROGREASE N 31089
NLGI grade	NLGI	-	2
Structure	-	Visuel	smooth
Color	-	Visuel	Light beige
Odor	-	-	not unpleasant
Dropping point	NF T 60-102	°C	> 300
Penetration:	NF t 60-132		-
- not worked	-	1/10° mm	265-295
- worked 60 cycles	-	1/10° mm	265-295
Low temperature torque - 54 °C	ASTM D 14 78	-	-
- starting torque	-	daN.cm	< 5
- running torque after 1 hour	-	daN.cm	< 1
Copper corrosion (24 h at 100 °C)	ASTM D 4048	-	1b

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS

Industrie & Spécialités

08-02-2007 (supersedes 18-01-2005)

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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. is obtainable via your commercial adviser www.quick-fds.com.