



Grease CGL LS 00

Synthetic high performance semi- fluid grease for closed gears in the industry

Description

Grease CGL LS 00 is a synthetic lubricating grease especially designed for the lubrication of closed gears and systems requiring a long life grease with excellent resistance to aging within a wide range of operating temperatures under very severe service conditions. Grease CLG LS is provided with high stability and high adhesion properties and provides life lubrication reducing maintenance costs. The selection of synthetic base oils with high lubricating power ensures effective protection against corrosion and reduces the typical tendency to leak (gearboxes) by maintaining correct fluid levels and sealing capacity.

Applications

Grease CGL LS 00 is formulated according to the latest performance specification for the use in closed gears, endless crown reducers and variators. Also suitable for worm gears and heavily loaded gears.

Benefits

- Suitable for lubricated for life applications
- Suitable for heavy loads and worm gears
- Prevents against corrosion
- Excellent compatibility with elastomers and rubber gaskets and seals
- Meets Daniele Type 9 standards

Typical properties

	Test method	LS 00
Colour		Light brown
Thickener		Lithium
Base oil nature		PAG
Base oil viscosity @ 40 °C, cSt		220
NLGI class	DIN 51818	00
Worked penetration 60W @ 25 °C, x 01, mm	ASTM D217	400-430
Dropping point, °C	ASTM D566	>180
Copper corrosion @ 100 °C	ASTM D4048	1b
4 ball wear test	IP-239	
<ul style="list-style-type: none"> • Welding load, kg • Wear scar diameter 1'/80 kg, mm • Wear scar diameter 1 hr/40 kg, mm 		> 160 < 0,65 < 0,50
Oxidation stability 100 °C, kg/cm ²	ASTM D942	< 0,4
Evaporation loss, 22 hrs/100 °C, %	ASTM D972	< 0,65
FZG		> 12
Working temperatures, °C		- 40 – 150

All performance data on this Technical Data Sheet are indicative only and can vary during production

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