



LCH 600

induce: 7
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HIGH SPEED AND HIGH TEMPERATURE GREASE

DEFINITION

High tech grease with outstanding chemical and physical properties to allow its use over a long period of time at very high temperature.

This complex lithium soap grease is specially designed to also work under severe loads even in humid environment.

Performing additives: against oxidation, anti-wear, and giving resistance to heavy loads and stokes are giving this grease the properties to match difficult lubrication requirements.

CHARACTERISTICS

• Colour:		Green
• Thickener:		Complex lithium soap
• Operating temperature range:		-20°C to +160°C (180°C peaks)
• Base oil:		Mineral
• Base oil viscosity @ 40°C:	ISO 3104	100 Cst
• Base oil viscosity @ 100°C:	ISO 3104	10 Cst
• Apparent dynamic viscosity@ -20°C (Pa.s) measured at a shear drop of 0.174 s ⁻¹		10 000
• Drop point:	ISO 2176	> 250°C
• Density @ 20°C:	NFT 30 020	0,89
• NLGI Grade:		2
• Unworked penetration @ 25°C:	ISO 2137	265-295 ^{1/10mm}
• Loss of penetration after 100000 strokes:	ISO 2137	< 30 ^{1/10mm}
• NDN Factor:		800 000
• 4 Ball Shell Test welding load:	ASTM D 2596	315 Kg
• 4 Ball Shell Test wear:	ASTM D 2266	0.5 mm
• EMCOR Test:	ISO 11007	0

APPLICATIONS

For all type of bearing, submitted to severe condition of use, speed and temperature.

Lubrication of paper machine bearings, textile machines, electric motors, hot gas fans, drying ovens ...