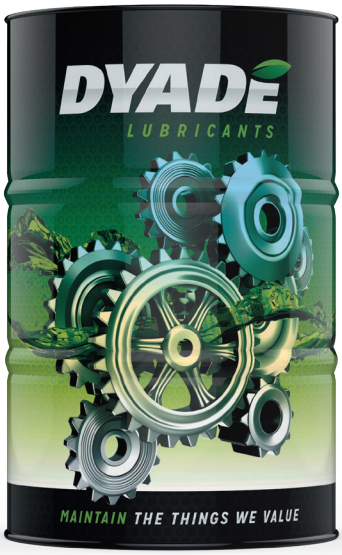
GREASE-PLUS
LI SYNT 2

GREASES

324905101



HIGH EFFICIENCY GREASE INTENDED FOR MECHANISMS OPERATED IN A WIDE RANGE OF TEMPERATURES AS WELL AS LONG LIFE OPERATION

This product is designed to tackle lubrication challenges in extreme temperature environments, ranging from -55 to 150 °C. Its advanced formula ensures consistent lubrication and a protective film that prevents friction even under severe conditions. The grease is composed of a lithium soap and synthetic base oil, and its additive package enhances its lubricating properties, particularly at lower temperatures. The high viscosity index base oil maintains the correct apparent dynamic viscosity at both low and high temperatures, while its resistance to aging ensures long-lasting lubrication. Traditional lubricants would thicken too much at low temperatures, becoming stiff and difficult to work with, while at high temperatures, they would lose viscosity, leading to wear and damage to bearings and mechanisms, causing unnecessary downtime. This product is capable of functioning in a broad range of speeds, making it suitable for both medium and high-speed operations with an FV of 8x10^5.

PROPERTY	METHOD	VALUE
Colour		Light brown
Thickener, soap type		Lithium
Base oil nature		Synthetic
Base oil viscosity @ 40 °C, mm²/s		32
Base oil viscosity @ 100 °C, mm²/s		5.9
Worked penetration @ 60 W, x 0,1 mm		265-295
Worked penetration @ 105 W, x 0,1 mm		340
NLGI class		2
Dynamic viscosity @ 25 °C, mPas		2500-4500
Dropping point, °C		180
Flow pressure @ -35 °C, mbar		450
Water resistance, 90 °C		1
Oxidation stability, bar		-0.55
Evaporation loss 100 °C, %		1.0
Copper corrosion 24h @ 100 °C		1b
Oil separation, 7 days / 40 °C, %		5
EMCOR corrosion test		1
Service temperatures, °C		-55 – 150

CATEGORY

- Greases

BENEFITS

All data on this technical data sheet is indicative only

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