

## 4354 GR1

### SEMI-SYNTHETIC MULTI PURPOSE GREASE WITH PTFE

#### PRODUCT DESCRIPTION

**4354 GR1** is a semi-synthetic multi-purpose lithium soap grease charged with PTFE. The additives provide optimum extreme-pressure properties. Excellent resistance to water washout, rust and corrosion.

PTFE (polytetrafluoroethylene-Teflon®) has unique combination of properties: weatherable, high temperature resistance, a low coefficient of friction and non-adhesive, hence very effective against back gliding.

Free of heavy metals, in compliance with REACH regulation

#### GENERAL CHARACTERISTICS

MEASURES	*	STANDARD VALUES	SPECIFICATIONS	MODE OP	NORMS
TYPE		Grease			
APPEARANCE	*	Smooth			
COLOR	*	White			
THICKENING AGENT NATURE		Lithium			

#### OIL CHARACTERISTICS

MEASURES	*	STANDARD VALUES	SPECIFICATIONS	MODE OP	NORMS
NATURE		Semi-synthetic			
VISCOSITY AT 40°C (cSt)		22	20 - 30	MP10.3/07	NF T 60 100
POUR POINT (°C)		-42	< -35		
ANILINE POINT (°C)			>70		NF T 60 105

#### GREASE CHARACTERISTICS

MEASURES	*	STANDARD VALUES	SPECIFICATIONS	MODE OP	NORMS
DENSITY AT 20°C	*	0.910	0.900 - 0.920	MP10.3/05	NF T 06 007
PENETRABILITY AT 25°C	*		310 - 340	MP10.3/04	NF T 60 132
DROPPING POINT (°C)			> 180	MP10.3/02 and t/10	NF T 60 102
SOLID LUBRICANT CONTENT (%)	*		> 5	MP10.3/02 and /10	NF T 60 102

#### PERFORMANCE CHARACTERISTICS

MEASURES	*	STANDARD VALUES	SPECIFICATIONS	MODE OP	NORMS
FOUR-BALL EXTREME PRESSURE TEST Load-Wear 1h 40kg (mm) Load Carrying (kg)			< 0.1 > 315	MP10.3/12	ASTM D2596
SERVICE TEMPERATURE RANGE (°C)			-30 / +140		

## FEATURES

- NLGI No1 high-performance white grease which combines a synthetic base fluid with a lithium soap thickener.
- Excellent mechanical stability
- Provides excellent adhesion and assures a robust lubricating film under high load and shock load.
- Contains extreme pressure and anti-wear additives that assures optimum lubrication
- Has excellent resistance to water wash out
- Outstanding protection against rust and corrosion
- while the PTFE has a very low static/gliding friction ratio hence very effective against back gliding.
- The synthetic base oil used gives it excellent performance properties at both high and low temperatures (-30°C to 140°C)
- Self-cleaning lubricant. Does not gather dust
- Free of heavy metals, in compliance with REACH regulation

## APPLICATIONS

- Multi-purpose grease
- Specially recommended for the lubrication of bearings, scope jibs on mobile cranes and external protection of wire ropes.
- Excellent protection for wear pads. Forklift, Cranes, Access Equipment, Retractable Tarps

## PACKAGING

- Lube shuttle Cartridge: 400g (carton of 24 units)
- Pails: 18kg
- Drums: 180kg

## SAFETY

Refer to Material Safety Datasheet

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