TRIPTON® CHALLENGER GREASE EP-n
(Lithium Grease NGLI n)

DESCRIPTION:

TRIPTON® HIGH TEMPERATURE GREASE is a premium NLGI n multipurpose, lithium soap-based extreme pressure (EP) grease that provides outstanding high temperature performance and excellent lubrication over a high temperature range and variety of services including heavy duty fleets, automotive, farm and industrial application.

FEATURES/BENEFITS:

TRIPTON® HIGH TEMPERATURE GREASE:

- Provides excellent water resistance, Rust and Corrosion protection, excellent oxidation resistance, and wear protection under extreme loads
- Resists softening due to heat, Resists separation and pumps easily,
- Lithium soap thickener gives dropping point in excess of 180 °C.

Physical and Chemical Properties		TRL731201	TRL731202	TRL731203
	ASTM'S	Li Grease NGLI 1	Li Grease NGLI 2	Li Grease NGLI 3
Aspect		smoothy	smoothy	smoothy
Color		AMBER	AMBER	AMBER
Thickener (%)		> 8 % Li Soap	> 9 % Li Soap	> 10 % Li Soap
NLGI grade		1	2	3
DIN 51502		KP 1 M-20	KP 2 M-20	KP 3 M-20
Additives (Anti-Rust, Anti-Oxidant and Anti-Corrosion); %		> 5	> 5	> 5
Type of base oil		GROUP 1	GROUP 1	GROUP 1
Kine. Visc. of base oil @ 40°C (CST)	D445	100-320	100-320	100-320
Utilization limits (°C)		- 30 to 120	- 30 to 120	- 30 to 120
Worked Penetration – 60 strokes at 25 °C (0.1 mm)	D 217	310-340	265-295	220-250
Dropping point (°C)	D566	> 180	> 180	> 180
Free Alkalinity (% LiOH)	D128	< 0.20	< 0.20	< 0.20
Free Acidity (% Oleac Acid)	D128	< 0.30	< 0.30	< 0.30
Copper strip Corrosion (24h @100 °C)	D4048	1	1	1
4-Balls weld Load (KgF)	D2596	>250	>250	>250
Rust Test	D1743	PASS	PASS	PASS
The above values may vary within commercially accepted tolerances.				

Packing:
The products are available in the following:

Code	TRL73130n-01	TRL73130n-11
Pack (KG)	**170 kg**	**10 kg**

Expiration date: *The recommended shelf life for these oils is typically 5 years from manufacturing date when stored properly in the original sealed containers.*

HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No naked lights. No smoking. Do no eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. **Specific end use(s): Can be used as Lubricant in the Industrial Apps.**	**Storage:** All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety & Environment
Health and Safety

TRIPTON® Products are no any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Protect the Environment: Take used lubricants to an authorized collection point. Do not discharge into drains, soil or water.