



# Tuxton Deep Purple Grease™

## Heavy Metal Protection

# Technical Data Sheet

## Application

**Tuxton Deep Purple Grease™** is an extreme-pressure, multipurpose NLGI 2 grease engineered exclusively for Heavy Duty On-Road and Off-Road applications as well as for Industrial use. Deep Purple is engineered to provide lubrication over a wide operating range from – 40 °F to 400 °F. **Tuxton Deep Purple Grease™** was developed for applications where an especially tenacious grease is needed. Easily identified by its purple color, Deep Purple performs in higher-temperature and problem areas. It is excellent for use in industrial equipment in which an adhesive, stay put grease is preferred. The high temperature properties, adhesive and tenacious stay put qualities that Deep Purple exhibits makes it the perfect choice for your Heavy Metal.

## Performance Features

- **Excellent Work Stability** – Extremely stable lithium complex formula retains its consistency even in the most severe service.
- **Oxidation and Rust Resistance** – Special additives protect machinery components from rust and corrosion, thereby extending equipment service life in the presence of moisture or high temperatures.
- **Extreme Pressure and Anti-Wear Protection** – Additives provide excellent extreme pressure and anti-wear protection under severe conditions.

## Applications

- Ball Bearings
- Ball Joints
- Bushings
- Fifth Wheels
- Pins
- Roller Bearings
- U-Joints
- Wheel Bearings

National Lubricating  
Grease Institute

N L G I  
GC-LB

**NLGI No.2**

## Typical Properties

<u>ASTM</u>	<u>Test</u>	<u>Deep Purple</u>
D217	Penetration, Worked 60 s Thickener Type	285 Lithium Complex
D1500	Color Texture	Purple Smooth-Tacky
D2265	Dropping Point °C, Min.	265
D445	Viscosity @ 100°F, SuS	750
D445	Viscosity @ 210°F, SuS	75
D2270	Viscosity Index	95
D92	Flash Point - °C	245
D92	Fire Point - °C	265
D97	Pour Point - °C	-12
D2509	Timken OK Load - #	50
D2596	4 Ball Weld, kg	500
D2596	Load Wear Index	52.3
D2266	4 Ball Wear, mm.	0.48
D1743	Rust	Pass
D1742	Oil Separation, % Max.	1.8
D4048	Copper Corrosion	1A
D4049	Water Sprayoff @ 100°F	25
D1264	Water Washout @ 79°C Max.	2.4