

## CRUZE GP series

*High Performance Lithium based – General purpose Greases*

### Product Definition

CRUZE GP series are high performance greases, formulated with lithium based thickeners and an ISO VG 150 mineral base stock. They are suitable for to provide added protection against wear, rusting and water washout. They are available in NLGI grades 2 & 3, which are suitable for general purpose automotive applications at moderate temperatures and loads. The suitable operating temperature range is from -20°C to 120°C. It does not contain lead or any other heavy metals which are considered harmful to human health and environment.

### Application/Usage

- CRUZE GP series are suitable for general lubrication under normal operating conditions and loads, for all kinds of application in transport, agriculture and off road equipment.
- CRUZE GP series are Suitable for passenger car, light truck, including all kinds of bearings and joints where temperature and loading conditions are normal.
- In applications where heavy or shock loading is involved, extreme pressure greases are preferred.

### Features:

- **Superior load carrying capacity**
  - Reduces wear under moderate loading and vibrations, for good equipment reliability and performance.
- **Extra protection against rust and corrosion**
  - Protects bearing surfaces against corrosion.

- **Good Oxidation and Thermal stability**
  - Protects against deposit formation at high operating temperatures and oil thickening.
- **Good resistance to water washout**
  - Resists washout of grease in equipment operating in wet conditions.
- **Superior structural stability**
  - Resists grease softening, even during extended mechanical working and high vibrations in equipment.
- **Wide Operating Temperature range**

### Product Package

180 KG - 18 KG.

### Storage

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

### Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	UNIT	TEST VALUES		TEST METHOD
NLGI Grade	--	2	3	ASTM D-217
Thickener Type	--	Lithium	Lithium	---
Color		Brown	Brown	Visual
Texture		Smooth	Smooth	Visual
Penetration, Worked @ 25 °C	0.1 mm	265-295	220-250	ASTM D-217
Viscosity @ 40 °C	cSt	150	150	ASTM D-445
Dropping Point	°C	190 (min)	190 (min)	ASTM D-566
4-Ball Wear, Scar	mm	0.6	0.6	ASTM D-2266
4-Ball Weld Load	Kg	220	220	ASTM D-2596

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."