

## CRUZE OGL series

High Performance Lithium/Graphite - Open Gear Lubricant

### Product Definition

CRUZE OLG series high performance semi-fluid greases, formulated with lithium based thickeners fortified with Graphite solid lubrication, high viscosity base oils and advanced additive system to provide excellent protection against wear, rusting and grease fling off. They are available in NLGI grades ranging from 00 to 3 with base oil viscosity of ISO VG 460. They are suitable for lubricating large, slow to medium speed, heavily loaded Industrial gears, including heavy-duty Marine applications where heavy loads and extreme unit pressures are present. The soft consistency and low temperature properties of OGL greases, makes it suitable to spray on applications operating under wide variety of conditions. These greases are free from lead, nitrite, chlorine and other solvents, hence reduces the impact on environment.

### Application/Usage

- CRUZE OGL series are suitable for most types of Marine and Industrial applications.
- CRUZE OGL 00 & 460 are suitable for lubricating large, slow to medium speed, heavily loaded gears operating under heavy-duty conditions, wire ropes, winches, high speed chains etc.,
- CRUZE OGL 1 & 1.5 are suitable for lubricating slide rails, boom surfaces, chains and open gears during initial turning. Example: Ring gears in cement mill.

### Features:

- **Highly adhesive grease structure**
  - Resists washout of grease in equipment and provides good lubrication even in presence of water.

- **Excellent Oxidation and Thermal stability**
  - Protects against deposit formation at high operating temperatures and oil thickening, thus maintains the life and performance of grease..
- **Outstanding load carrying capacity**
  - Reduces wear even under heavy or shock loading conditions by creating Elasto-hydrodynamic lubrication (EHL) film, for good equipment reliability and performance.
- **Excellent corrosion protection**
  - Protects bearing surfaces against rust & corrosion, even when the grease is contaminated with water.
- **Excellent pumpability & sprayability**
  - Provides good low temperature start-up & improves efficiency.

### 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
		OGL 00	OGL 460	OGL 1	OGL 1.5	OGL 3	
NLGI Grade	--	00	0/1	1	1.5	3	ASTM D-217
Thickener Type	--	Li-Graphite	Li-Graphite	Li-Graphite	Li-Graphite	Li-Graphite	---
Penetration, Worked @ 25 °C	0.1 mm	400-430	330-360	310-340	290-320	220-250	ASTM D-217
Viscosity @ 40 °C	cSt	460	460	460	460	460	ASTM D-445
Dropping Point	°C	190 (min)	190 (min)	190 (min)	190 (min)	190 (min)	ASTM D-566
4-Ball Wear, Scar	mm	0.5	0.5	0.5	0.5	0.4	ASTM D-2266
4-Ball Weld Load	Kg	750	750	750	750	750	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."