



ZetaLube

A New Lubricity Dimension
Evolved From Experience



ZetaLube. 202 Open Gear Graphite Grease

Description

A tenacious non-organic base grease fortified with solid lubricant, ZetaLube 202 is designed specially for application on open gears exposed to adverse operating conditions such as rain, dusty atmosphere and high loads/pressure. It is also suitable for use in machinery/equipment requiring high resistance to water or moisture and high loads in industries such as mining, construction and ship repairs. To satisfy the maintenance professionals' demanding requirements in these industries, ZetaLube 202 consists of ingredients that carry outstanding chemical and physical properties.



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Features and Benefits

- Maintains its consistency and tackiness even under high loads/pressure to seal off dust potentially damaging to open gear systems exposed to high loads/pressure.
- Strong resistance to water wash-out and good adhesiveness to prevent fling-off of the grease from parts/components even under humid conditions.
- Excellent load-carrying capacity and film strength to protect machinery/equipment against frictional wears and to provide outstanding lubricity under high loads/pressure.
- Excellent oxidation and thermal stability to maintain performance at elevated temperatures.
- Provides extra protection to machinery/equipment with solid lubricant at extremely high temperatures.
- Extends machinery/equipment service life operating at high temperatures and reduces maintenance costs.

Recommended Applications

- Suitable for protecting open gear systems operating at high temperatures and under high loads/pressure in industries such as mining, construction, ship repair, etc.
- Suitable for parts and components of heavy duty machinery/equipment exposed to open air and moisture – eg. winches, cranes, hoists, cableways, water pumps, etc.

Typical Data

TEST	ASTM TEST METHOD	TEST RESULT
Colour	Visual	Ebony
Texture		Smooth & Tacky
Type of Thickener		Carbon black
NLGI Grade		2
Worked Penetration @25°C	D-217	265-285
Viscosity in cSt of Base Fluid	@40°C	1488
	@100°C	72
Viscosity index for Base Fluid	D-2270	111
Flash Point for Base Fluid (°C)	D-92	254
Pour Point for Base Fluid (°C)	D-97	-12
Dropping Point (°C)	D-2265	None
Operating Temperature Range (°C)		-8 to + 200
Timken OK Load (Kg)	D-2509	18
4-Ball EP Performance Weld Load (Kgf)	D-2596	300
Water Washout % Loss	D-1264	N.A.

The data shown is typical value and may vary.

Pack-size

15 kg Pail, 400gm Cartridge

Authorized Distributor