



## OPTIMUS LX 460

### PRODUCT DESCRIPTION:

Optimus LX 460 is a mineral oil-based grease with extreme pressure performance. It is recommended for general industrial and automotive applications when loads or temperatures exceed the range of general-purpose greases. It is particularly recommended for grease lubrication of heavy duty, slow moving bearings used in heavy industries e.g. steel, cement, paper, chemical industry and mining.

### APPLICATIONS

Optimus LX 460 is particularly recommended for grease lubrication of heavy duty, slow moving bearings used in heavy industries e.g. steel, cement, paper, chemical industry and mining.

### PRODUCT ADVANTAGES

- The operating temperature range is -20°C to 150°C
- High base oil viscosity for slow moving large bearings
- Excellent mechanical stability
- Excellent extreme pressure properties
- Excellent water resistance and effective corrosion properties
- High dropping point

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	-	2
Thickener Type	-	Lithium Complex
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	Light brown
Work Penetration @25°C	ASTM D217	265-295
Copper Strip Corrosion For 24hrs @100°C	ASTM D4048	1b
Dropping Point °C, Min	ASTM D2265	280
Four Ball Weld Load Kg, Min, Min	ASTM D2596	500
Four Ball, Wear Scar Dia, mm, Max	ASTM D2266	0.6
Operating Temperature Range °C	INTERNAL	-20 to 150
Base Oil Viscosity @40°C (Cst)	ASTM D445	460

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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