



## OPTIMUS LC 220-EP

### PRODUCT DESCRIPTION:

Optimus LC 220-EP is an extreme-pressure grease containing a solid lubricant. It also has a very high resistance to water washout and protects the lubricated parts against wear and corrosion. This grease is recommended for the lubrication of shock-loaded, heavy duty bearings working in wet conditions. It is also suitable for off-road applications and fifth-wheel lubrication.

### APPLICATIONS

Optimus LC 220-EP is recommended for the lubrication of shock-loaded, heavy duty bearings working in wet conditions. It is also suitable for off-road applications and fifth-wheel lubrication.

### PRODUCT ADVANTAGES

- The operating temperature range is from -25°C to 130°C
- Effective extreme pressure properties
- Enhanced load-carrying and wear protection properties
- Good pumpability
- Good water washout properties

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	-	2
Thickener Type	-	Lithium - Calcium
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	black
Work Penetration @25°C	ASTM D217	265-295
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b
Dropping Point, °C, Min	ASTM D2265	180
Four Ball Weld Load, Kg, Min	IP 239	315
Operating Temperature Range °C	INTERNAL	-25 to 130
Base Oil Viscosity @40°C (Cst)	ASTM D-445	220

**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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