



## OPTIMUS LC 150-EP-M5-SYN

### PRODUCT DESCRIPTION:

Optimus LC 150-EP-M5 Syn is a synthetic grease with 5% MoS<sub>2</sub>. This is an extreme pressure, multi-purpose, mining, and construction equipment grease, which offers protection from sustained heavy-duty operations. This advanced, synthetic product offers excellent mobility even in arctic winter conditions. Optimus LC 150-EP-M5 Syn grease is formulated for excellent all-round performance, balancing mobility, load-carrying capability, and long effective service life.

### APPLICATIONS

Optimus LC 150-EP-M5 Syn is an extreme pressure, multi-purpose, mining, and construction equipment grease, which offers protection from sustained heavy-duty operations.

### PRODUCT ADVANTAGES

- The operating temperature range is from -40 to 130
- Outstanding high-temperature oxidation stability
- Excellent extreme pressure properties
- High dropping point
- Effective corrosion protection
- Long operational life

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	0/00	1
Thickener Type	-	Lithium-calcium	Lithium-calcium
Base Oil Type	-	Synthetic	Synthetic
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Colour	Visual	Black	Black
Work Penetration @25°C	ASTM D217	390	310 - 340
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b	1b
Dropping Point °C, Min	ASTM D2265	N/A	190
Four Ball Weld Load, Kg, Min	ASTM D2596	400	400
Molybdenum Content, %Wt.	ASTM D7303	5	5
Operating Temperature Range °C	INTERNAL	-50 to 130	-40 to 130
Base Oil Viscosity @40°C (Cst)	ASTM D445	150	150

**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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