



OPTIMUS L 100-EP-SYN

PRODUCT DESCRIPTION:

Optimus L 100-EP-Syn grease is a synthetic oil-based grease using lithium soap. Its unique thickener technology and low viscosity oil (PAO), provide excellent lubrication performance at low temperatures down to -50°C and extremely high speeds.

APPLICATION

Optimus L 100-EP grease synthetic is recommended for automotive applications at both high and low temperatures. It is best suitable in disc brake wheel bearings, balls and steering joints.

PRODUCT ADVANTAGES

- The operating temperature range is from -50°C to 110°C
- Low friction torque
- Quiet running
- Good oxidation stability
- Good water resistance

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	2	3
Thickener Type	-	Lithium	Lithium
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Off-white	Off-white
Work Penetration @25°C,	ASTM D217	265-295	220-250
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b.	1b.
Dropping Point °C, Min	ASTM D2265	190	190
Water Washout Resistance %Wt. @79°C	ASTM D1264	max 10	max 10
Four Ball Weld Load, Kgf, Min	ASTM D2596	min 250	min 250
Oil Separation %, 30hrs @100°C	ASTM D6184	max 5	max 5
Operating Temperature Range, °C	INTERNAL	-50 to 110	
Base Oil Viscosity @40°C (Cst)	ASTM D445	100	100

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

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

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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