



OPTIMUS LX 460-EP-SYN

PRODUCT DESCRIPTION:

Optimus LX 460-EP-Syn is a synthetic, extreme pressure, multi-purpose, semi fluid Lithium Complex formulation fortified with PAO synthetic base oil, polymers, anti-wear agents, tackiness additives, and rust and oxidation inhibitors. This technically advanced grease is specifically designed to perform in a variety of applications and in extreme low temperatures.

APPLICATIONS

Optimus LX 460-EP-Syn grease is primarily designed for use in on-road and off-road vehicles for the lubrication of wheel end bearings on trucks and trailers. It is also recommended for leaky gearboxes, as well as heavy equipment applications operating in extreme cold temperatures. It is a premium product for use where NLGI 00 grade greases are recommended. This grease is designed for smooth and reliable operation in pressurized auto grease systems where long lines and exposure to low temperatures can affect grease delivery.

PRODUCT ADVANTAGES

- The operating temperature range is from -30°C to 150°C
- Truck and trailer wheel end bearings where NLGI 00 greases are specified
- Recommended for industrial plain and anti-friction bearings operating at high speed
- Good oxidation stability
- Where ultra-low temperatures limit the mobility and pumpability of heavier grades of grease

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	-	00
Thickener Type	-	Lithium Complex
Appearance	Visual	Smooth & Homogenous
Color	Visual	Ivory
Base Oil Type	-	Synthetic
Work Penetration @25°C,	ASTM D217	400-430
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b
Dropping Point °C, Min	ASTM D2265	240
Water Washout Resistance %Wt @79°C	ASTM D1264	N/A
Four Ball Weld Load, Kg, Min	ASTM D2596	315
Emcor Rust Protection Rating	ASTM D6138	1/1
Operating Temperature Range, °C	INTERNAL	-30 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

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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