



GRIPTO-TECH L 100-EP-SYN

PRODUCT DESCRIPTION:

GRIPTO-TECH L 100-EP-SYN is a high-performance grease formulated with synthetic base oil (PAO) and lithium soap thickener. Its advanced thickener technology and low-viscosity oil deliver exceptional lubrication performance at extremely low temperatures, down to -50°C, and support operations at extremely high speeds. This grease is designed to provide reliable protection and optimal performance across a wide range of demanding applications.

APPLICATION

GRIPTO-TECH L 100-EP-SYN 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 presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

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