



GRIPTO-TECH LC 150-EP-M5-SYN

PRODUCT DESCRIPTION:

GRIPTO-TECH LC 150-EP-M5-SYN is a high-performance synthetic grease containing 5% molybdenum disulfide (MoS₂). It is an extreme-pressure, multi-purpose lubricant specifically designed for mining and construction equipment, providing superior protection during heavy-duty operations. This advanced synthetic grease ensures excellent mobility, even in arctic winter conditions, and is engineered for balanced all-around performance. Its formulation delivers outstanding load-carrying capability, enhanced durability, and an extended effective service life.

APPLICATIONS

GRIPTO-TECH 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	
		0/00	1
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, Kgf, 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 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.