



TEKAMAN
LUBRICATION
TECHNOLOGY

SMOOTHER WORLD BETTER LIFE

Technical Date Sheet

High EP Grease NO.0

Product Introduction

This product is formulated with refined mineral base oil, complex lithium soap thickener, and compound additives including extreme pressure, antioxidant and rust inhibitors.

Examples of Application

Suitable for forging hammers, hot forging presses, crankshafts, heavy-duty bearings, and centralized lubrication systems of forging equipment under high temperature and heavy load conditions. Operating Temperature Range: -20°C ~ 150°C

Features and benefits

- Excellent high temperature resistance and high dropping point; adapted to high temperature radiation environment of forging works, not easy to soften and run off.
- Outstanding extreme pressure and anti-wear performance; combined with graphite solid lubricating film to withstand impact load and prevent metal scuffing and seizure.
- NLGI 0 consistency with good pumpability, suitable for long-distance pipeline transportation of centralized lubrication systems.
- Superior oxidation and rust resistance, stable service life in humid and water vapor workshop environment.



TESTING ITEMS	TYPICAL DATA	TESTING STANDARDS
NLGI Grade	0	ASTM D217
Appearance	Black	Visual
Worked Cone Penetration, 0.1mm	370	ASTM D217
Dropping Point, °C	231	ASTM D2265
Kinematic Viscosity @40°C,, mm²/s	150	ASTM D445
Cone Oil Separation (100°C, 24h) , %	3.2	ASTM D6184
Water Washout Loss (38°C, 1h) , %	3.8	ASTM D2266
Copper Corrosion (100°C, 24h)	1b Class	ASTM D130
Four-Ball Welding Load (PD/N)	3350	ASTM D2783

* Instructions for use:

Do not mix with other types of grease to avoid damage to grease structure and performance failure.

All typical data are laboratory reference values only, for equipment selection reference.