



FP SCHMIERFELL L-EP NLGI 00

MULTI-PURPOSE EXTREME PRESSURE LITHIUM GREASE

PRODUCT DESCRIPTION:

FP SCHMIERFELL L-EP Greases are premium quality lithium soap-thickened lubricating greases formulated with refined mineral base oils and fortified with Extreme Pressure (EP) additives. They are designed to provide reliable lubrication and protection in a wide range of applications, including heavy-duty and shock-load conditions. Their smooth texture and excellent mechanical stability ensure easy handling and superior pumpability, even in centralized lubrication systems.

APPLICATION:

FP SCHMIERFELL Lithium – EP-00 are particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor gearings.

FEATURES & BENEFITS:

- Outstanding wear protection under heavy/shock loads
- Effective rust and corrosion resistance
- Excellent resistance to water washout
- Enhanced mechanical stability and oxidation resistance
- Good pumpability for centralized lubrication systems
- Leakage control in high-speed applications
- Extended service life for bearings and components

PERFORMANCE LEVELS: Meets or Exceeds:

- NLGI Grade: 2
- NLGI Grade: 3

MEETS OR EXCEEDS THE REQUIREMENTS OF:	NLGI 00
DIN 51825	-
DIN 51826	GP00G-20

TYPICAL PROPERTIES:

PARAMETERS	ASTM METHOD	FP SCHMIERFELL L-EP NLGI 00
Thickener Type	-	Lithium
Color	-	Light Brown
Texture	-	Smooth
Worked Penetration @ 25°C, 60 Strokes	D-217	415
Dropping Point, °C	D-2265	>160
Timken EP Test, OK Load, lbs	D-2509	40
4-Ball Wear, Scar, mm	D-2266	0.5
4-Ball Weld Load, Kg	D-2596	250
Base Oil Viscosity @ 40°C, cSt	D-445	160
Operating Temperature Range, °C	-	-30 to 130

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.