



## FP SCHMIERFELL HT NLGI 3

### CALCIUM 12-HYDROXYSTEARATE SOAP – THICKENED MULTIPURPOSE GREASE

#### PRODUCT DESCRIPTION:

FP SCHMIERFELL HT is a high-performance, multipurpose grease formulated with calcium 12-hydroxystearate soap and premium-quality base oils. Its unique soap structure, combined with carefully selected additives, provides excellent water resistance, superior lubricity, high corrosion protection, and reliable wear resistance. It is specifically engineered to perform in challenging environments with consistent performance at operating temperatures up to 110°C.

#### APPLICATION:

FP SCHMIERFELL HT grease is multipurpose economical grease is used for wet environments, sewage plant and machinery, wet industrial machinery, agricultural and farming machinery exposed to water, water pumps and bearings, and slow-moving axle.

#### FEATURES & BENEFITS:

- The operating temperature range is -20°C to 110°C
- Excellent water resistance
- High mechanical stability
- Good Lubricity
- Good shear and stress stability
- Good pumpability

#### PERFORMANCE LEVELS: Meets or Exceeds:

- NLGI Grade: 2
- NLGI Grade: 3

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	FP SCHMIERFELL HT NLGI 3
Thickener Type	-	Calcium
Appearance	Visual	Smooth & Homogenous
Color	Visual	Yellow to Brown
Work Penetration @25°C	ASTM D217	220 - 250
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b max.
Dropping Point °C, Min	ASTM D2265	140
Water Washout Resistance %Wt @79°C	ASTM D1264	max 10
Operating Temperature Range °C	INTERNAL	-20 to 110
Base Oil Viscosity @40°C (Cst)	ASTM D445	90 - 110

#### 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.