

FETT LT-EP

Base Lithium EP

Description

FETT LT-EP is a high quality multi purpose, extreme pressure grease, formulated with high viscosity index mineral oils, lithium hydroxystreate soap thickener, extreme-pressure additives, and other high quality additives that ensure a great performance in a wide range of applications.

Applications

- ▶ Recommended for loaded side-ball and roller bearings, wheelbearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture, and off road equipment, that is operated in various conditions: wet, dry, or dusty
- ▶ Generally suitable for industrial applications that require extreme pressure greases
- ▶ Maximum allowable application temperature <120 C

- ▶ FETT LT EP 0 and EP 1 provide good low temperature pumpability and are suitable for centralised lubrication systems and other applications where low temperature performance is required

Specification Meets

FETT LT-EP meets the API 6743-9: L-XBCDB 0, L-XBCDB 1, L-XBCDB 2, L-XBCDB 3 specification.

Advantages

- ▶ Great load carrying performance
- ▶ Great Water Wash-Out resistance
- ▶ Good oxidation stability
- ▶ Good resistance to corrosion
- ▶ Good mechanical stability

Typical Data of FETT LT-EP

Characteristics	Unit	FETT LT-EP				Test Method
		0	1	2	3	
NLGI Grade		0	1	2	3	
Color		Natural Brown	Natural Brown	Natural Brown	Natural Brown	Visual
Texture		Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous	Visual
Dropping point Oil bath	°C	160	180	185	190	ASTM D 566
Worked Penetration, mm/10, 60 strokes		355 - 385	310 - 340	265 - 295	220 - 250	ASTM D 217
Oil Separation, 30 hours @ 100 °C	%wt	-	-	0.80 max	1 max	ASTM D 6184
Copper Stripe Corrossion, 24 hours @100 °C		-	-	1A	1B	ASTM D 4048
Four Ball Wear, Scar Diameter	mm	0.6	0.6	0.50 max	0.50 max	ASTM D 2266
Four Ball EP, Weld point	kgf	250	250	270	250	ASTM D 2596
Water Wash-Out, 1 hour @79 °C	%wt	-	-	0.85 max	3 max	ASTM D 1264
Soap Type		Lithium soap	Lithium soap	Lithium soap	Lithium soap	
Base Oil		Mineral	Mineral	Mineral	Mineral	
Kinematic Viscosity @ 40 °C	cSt	220	220	220	220	ASTM D 445

* the typical characteristic mentioned represent mean values