

# GREASE LITHIUM COMPLEX TFS EP 2

Product code: 264904201

## High Efficiency Lithium complex-based greases with PTFE

Grease Lithium Complex TFS EP 2 is a high-performance lubricating grease capable of working in a wide range of temperatures (from -50 to 170 °C) under very severe operating conditions. Specially formulated with a synthetic base oil provided with high chemical and thermal resistance and a high lubricating capacity, special lithium complex soap thickened, with a high drop point and outstanding stability to mechanical work. Grease Lithium Complex TFS EP is perfectly suitable for small gear units and planetary gear sets of automotive starters. Grease Lithium Complex TFS EP 2 contains 10% solid lubricants (PTFE).

### Applications

- High temperature (170 C) operated bearings
- Bearings under loads, water and vapor exposure.
- Bearings in the steel and cement industry

### Benefits & Advantages

- Wide operating temperatures and increased drop point
- Excellent lubricating properties
- Life lubrication
- Resistant to shearing
- Capable of withstanding high-speed operations
- Low dynamic friction coefficients
- Excellent compatibility with plastic and elastomers
- Speed factor

### Typical Performance Data

Typical	Test Method	Value
Soap type	ASTM D128	Lithium complex
Colour		Ivory
Base oil nature		Synthetic
Base oil viscosity @ 40 °C, cSt		100
Penetration 60W, x 0,1 mm	ASTM D217	310
Drop point, °C	ASTM D566	270
Water resistance, 90 °C	DIN 51807	0
Copper strip corrosion 1hr/150 °C	ASTM D130	1b
Evaporation loss 22h/100 °C, %	ASTM D972	0.1
Working temperature, °C		-50 – 170
EMCOR corrosion test	DIN 51802	1
Flow Pressure at -50 C		1000
Oxidation Stability 100h/ 100 C (Kg/cm2)		0,1
Water resistance, 90 C		Grade 0
PTFE content, %		10
4-ball wear test, welding load, kg		250
4-ball wear test, wear scar diameter 1h/40kg, (mm)		0,60

All performance data on this Technical Data Sheet are indicative only and can vary during production.