

# GREASE LITHIUM COMPLEX S HT 1.5

Product code: 264903901

## Lithium complex grease with a synthetic base oil

This product is a high efficiency grease providing bearing lubrication for a wide range of operating temperatures from -40 up to 180 °C. This grease is capable of working under very severe operating conditions with combination of speed, temperature and loads. Specially formulated with a synthetic base oil to provide high chemical and thermal resistance and a high lubricating capacity.

### Applications

- Bearings operated in applications with cooling water
- Paper industry
- Steel industry
- Cement and construction industry

### Benefits & Advantages

- High compatibility with plastics and elastomers
- Excellent anti corrosive and anti oxidant properties
- Resistance to shearing and water washout
- Increased lubrication intervals
- Increased bearing life
- Superior performance as heavy duty grease

### Typical Performance Data

Typical	Test Method	Value
Colour		Ivory
Thickener		Lithium complex
Base oil nature		PAO+ester blend
Base oil viscosity @ 40 °C, cSt		250
NLGI class	DIN 51818	1.5
Dropping point, °C	ASTM D566	>250
Oil separation, 18h/140 °C		0.5
Penetration 60W, x 0,1 mm	ASTM D217	290-320
4-ball wear test <ul style="list-style-type: none"> <li>• Welding load, kg</li> <li>• Wear scar diameter 1h/40kg, mm</li> </ul>	IP 239	240 0.60
EMCOR corrosion test	DIN 51802	1
Copper strip corrosion @ 24h/100 °C		1b
Water washout @ 80 °C, %	ASTM D1264	7
Oxidation stability, 100 °C, kg/cm <sup>2</sup>	ASTM D942	0.5
Evaporation loss, 22hr/120 °C, %	ASTM D972	0.3
Flow pressure <ul style="list-style-type: none"> <li>• @ -35 °C, mbar</li> <li>• @ -30 °C, mbar</li> </ul>	DIN 51805	700 750
Operating temperatures, °C		-40 – 180

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