

# Starplex<sup>®</sup> XD 1.5 M3

Specialty high performance grease  
(formerly Talcor Super HD Platinum 1.5)



## Product Description

Starplex<sup>®</sup> XD 1.5 M3 is a special grease formulated for severe applications that are subject to high temperatures, extreme pressure, shock loads and water wash out conditions.

It is formulated with a blend of heavy synthetic base oils and a shear stable Lithium Complex Soap.

## Customer benefits

- Complex soap designed for performance across a wide temperature range.
- Excellent EP properties help reduce wear rates and extend component life.
- Long lubricant film retention offers reduced consumption rates.
- High base oils viscosity promotes thicker lubrication film.
- Designed for self-sealing protection, to help keep lubricant in and contamination out.
- Can be dispensed by conventional centralized auto-lube systems.
- Free of heavy metals.



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## Applications

- All severe applications as found in pin & bushes, screws, chassis, slides, slow large plain and roller bearings subject to either high loads, temperatures, shock/vibration, wet and/or dusty environments requiring tenacious sealing.
- Excellent for applications where re-lubrication intervals may not be adhered to or are infrequent.
- Typical industries are Mining, Quarry, Cement, Steel, Sugar, Construction and Transport.

## Product approvals, performance and recommendations

Developed independently by Chevron to comply with the following performance standards and specifications:

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Komatsu

Meets requirements

Consult OEM representatives for independent verification, updates and recommendations.

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## Typical Test Data

STARPLEX® XD 1.5 M3	TEST METHOD	RESULTS
<b>Product Code</b>		<b>510885</b>
Appearance		Smooth, Buttery
Color		Gray/Black
Operating Temperature, °C (°F)		
Minimum <sup>a</sup>		-30
Maximum <sup>b</sup>		130
ISO Viscosity Grade Base Oil Equivalent		1000
Base Oil Viscosity, Kinematic		
cSt @ 40°C	ASTM D445	930
Thickener Type		Lithium Complex
Penetration at 25°C Worked (60 strokes)	ASTM D217	301
Dropping Point, °C	ASTM D2265	303
Four Ball Weld Point, kgf	ASTM D2596	800
Molybdenum Disulfide, m%		3

- a. Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures.
- b. Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.

Minor variations in product typical test data are to be expected in normal manufacturing.

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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