Starplex® XD 1.5 M3

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

Product Description

Starplex® XD 1.5 M3 is a specialty grease formulated for heavy duty applications that are subject to high temperatures, extreme pressure, shock loads and water washout conditions.

Formulated with highly refined base oils, shear stable synthetic base fluid, and high-performance additives, it offers mechanical stability and helps provide protection under severe operating conditions.

Customer benefits

- Complex soap designed for performance across a wide temperature range.
- Extreme Pressure (EP) properties help reduce wear rates and help contribute to extended component life.
- Lubricant film retention helps contribute to lower consumption rates.
- High base oil viscosity helps promote a thicker lubricant film.
- Designed to provide self-sealing protection, helping retain lubricant and limit contamination.
- Can be dispensed by conventional centralized auto-lube systems.
- Formulated without the use of heavy metal additives

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Applications

- Severe applications such as pins and bushes, screws, chassis, slides, and slow-moving large plain and roller bearings subject to high loads, temperatures, shock or vibration, and wet and/or dusty environments requiring tenacious sealing.
- Suitable for applications where re-lubrication intervals may be infrequent or not always adhered to.
- Typical industries are Mining, Quarry, Cement, Steel, Sugar, Construction and Transport.

Product approvals, performance and recommendations

STARPLEX® XD 1.5 M3	
Komatsu	Meets requirements

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Typical Test Data

STARPLEX® XD 1.5 M3	TEST METHOD	RESULTS
Product Code		**510885**
Appearance		Smooth, Buttery
Color		Gray/Black
Operating Temperature, °C (°F)		
Minimum[a]		-30
Maximum[b]		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 Safety Data Sheet (SDS) 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 an SDS 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.

Customers should always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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