

# TEXXON MOLYPLEX TAC BLACK

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## DESCRIPTION

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TEXXON MOLYPLEX TAC grease is a superior multi-purpose grease possessing excellent lubrication characteristics for a wide range of anti-friction and plain bearings, gears and couplings in automotive, marine, agricultural and industrial application.

It is based on high quality paraffinic mineral oils combined with the inclusion of molybdenum disulfide, extreme pressure additives, effective rust, oxidation and corrosion inhibitors, and tackiness adhesive additives. The "Molybdenum Disulfide" provides extra protection from wear under shock loads.

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## PERFORMANCE CHARACTERISTICS

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FUNCTIONAL MULTI-PURPOSE grease for LOW and HIGH temperatures.

Its ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.

SEALED FOR LIFE BEARINGS have assured long service life due to the exceptional oxidation, rust and corrosion resistance of TEXXON MOLYPLEX TAC grease. With extended service, it maintains its original consistency. It will not thicken since it resists oxidation. It will not thin out because it is shear resistant.

WATER RESISTANCE. Where water contamination or the water wash out contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of its excellent resistance to water wash out. In extreme situations the "Molybdenum Disulfide" further assists in providing lubrication even if some of the carrier grease has been partially removed in prolonged water contaminating environments.

ADHESIVE AND COHESIVE. It resists "SQUEEZE OUT" from surfaces requiring lubrication under load conditions.

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## OPERATING TEMPERATURE RANGE

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The recommended temperature range is from -20 °C to 175 °C, however it may be used intermittently up to 200 °C.



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## FEATURES:

- Black, Multi-purpose grease
- High quality Paraffinic Mineral Oil Base
- Extreme Pressure
- Anti-Rust
- Reduces Wear
- Industrial Grade
- Water Resistant

## RECOMMENDED FOR:

High Thermal Resistance, ideal for use in Bearings, Disc Brakes, Winches for:

- Mining & Quarrying
- Earthmoving & Construction
- Agriculture
- Heavy Duty Industrial

## BENEFITS:

- Molybdenum Disulphide, anti-wear properties
- Multipurpose for high & low temperatures
- Rust & Corrosion Resistant
- Resists Oxidation
- Shear Resistant

## AVAILABLE IN:

- 450gm Cartridges (20/box)
- 20kg Drums
- 180kg Drums



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## APPLICATIONS

TEXXON MOLYPLEX TAC is the prime recommendation for plain, ball and roller Bearings, and other applications requiring grease lubrication; in all automotive, including truck, buses, agricultural, marine, industrial and construction equipment.

Excellent recommendation for ball joints that demand characteristics will ensure minimum wear and minimum torque with complete protection against rust.

## TYPICAL TESTS

TYPICAL TESTS		ASTM	METHOD
NLGI - 2		-	2
Soap Type		-	Lithium Complex
Colour		-	Grey / Black
Texture		-	Tacky
Penetration at 25°C	Unworked	D.217	270
	Worked 60 strokes	D.217	275
	Worked, 100,000 Strokes, Change %	D.217	300
Dropping Point, °C		D.2265	260+
Roll Stability, Penetration Change %		D.1831	+10
Leakage, Wheel Bearing 65g	Packed, 163 °C,g	D.1263	1.5
	Water Washout at 80°C, %	D.1264	3.5
Oil Separation 24 Hours at 25 °C, kPa		D.1742	2
Oxidation Stability	Pressure Drop, 100 hours kPa	D. 942	15
	Pressure Drop, 500 Hour, kPa	D.942	70
Lubrication Life, Bearing No 204	10,000 rpm, 163 °C, Hours	D.3336	125
Rust Prevention Rating		D.1743	Pass
Timken, OK Load, Kg		D.2509	28
4-Ball Weld, Kg/f		D.2596	500
4-Ball Wear Scar, mm		D.2266	0.45
Ball Joint Test Brine Sensitivity		D.3438	Pass
Torque Stability		D.3428	Pass
Mineral Oil Viscosity, cSt at 40°C		D. 445	190
Molybdenum Disulphide % Mass			2.6

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purpose".

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