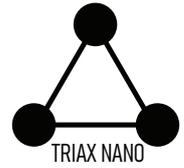


NANO XP GREASE

ULTIMATE HEAVY DUTY NANO MODIFIED GREASE



EXTREME IN EVERY SENSE

TRIAX NANO XP is one of the most advanced greases ever created. It's a nano-infused, multi-purpose super heavy duty industrial grade grease, suitable for a very wide range of applications in the most severe operating conditions.

TRIAX NANO XP grease will provide amazing results in all heavy duty or industrial applications. It provides a ultra strong lubrication film even in extreme loads, vibrations, extraordinary anti-wear performance, excellent rust prevention and mechanical stability, and superb protection against water wash-out & corrosion. This product is built with a modified Tungsten Fullerine-like nano friction modifier technology, coupled with an advanced additive base, resulting in exceptionally high performance capabilities in virtually all respects.

APPLICATIONS

Ideal for all automotive & heavy duty applications as well as industrial extremely heavily loaded equipment, crushers, surface and underground mining equipment, tunnel boring machines and industrial heavily loaded mills, conveyors, etc.

TRIAX NANO XP is an ideal choice for virtually all heavy duty applications in severe conditions.

- Shock loaded bearings
- High, constant loaded components like shocks, bearings, tracks etc.
- High impact & shock areas
- Pinions, bushings, bearings under extreme mechanical and thermal loads
- Pivots and rotating components subject to high friction / loads
- Suspension components
- Joints and high torque components
- Water contact heavy duty applications
- Extreme pressure industrial components
- Semi truck and tractor 5th wheels, bearings, couplings, hitches, chassis and drive shafts

Complete compatibility with both calcium sulfonate complex and lithium complex greases.

PERFORMANCE HIGHLIGHTS

- Extremely high EP load rating of over 800 kgf, over 150-50% higher than most other greases
- Nearly frictionless in most operating conditions, resulting in outstanding wear protection
- 20% lower wear than 99% of greases on the planet, with a 0.37 wear scar
- Excellent operational temperature range from -25 C to 250 C
- Superior mechanical stability with zero separation
- Extremely long life, far surpassing most other heavy duty greases, drastically reducing grease consumption while increasing protection.
- High water resistance (less than 1% loss) for wet environment operations
- High drop point, weld point and anti-wear properties make it ideal for a variety of very demanding automotive and industrial applications
- Exceptional adhesion to metal components under severe thermal and mechanical stress
- Ideal for extreme operating conditions, such as agriculture, construction, mining
- Superior mobility to adequately lubricate moving parts with small lubrication tolerances
- Surpasses, by far, the performance of moly based greases
- Exceptional stability under high shear

TYPICAL PROPERTIES

Property	Method	Value
NLGI Rating		2
Worked Penetration 77F/25C	ASTM D217	267
Dropping Point °C (min)	ASTM D2265	None (>330°C / 626°F)
Thickener Type	FTIR	CSX
Color	Visual	Black
Appearance	Visual	Smooth / Homogeneous / High Adhesion
Water Washout Loss (max)	ASTM D-1264	<1%
Timken Load Test	ASTM D2509	85
Copper Corrosion	ASTM D4048	1A
Rust Corrosion Test	ASTM D1743	Pass (1.1.1)
Base Oil Viscosity (40°C) cSt	ASTM D445	220
EP Load four-ball (kgf) - Minimum	ASTM D2595 + 30%	800 ++
EP Four-ball wear scar diameter, mm - max	ASTM 2266	0.37 max
Operating Temperature Range °C		-25 to 260

Small deviations from these results are expected during the manufacturing process and do not affect product performance.