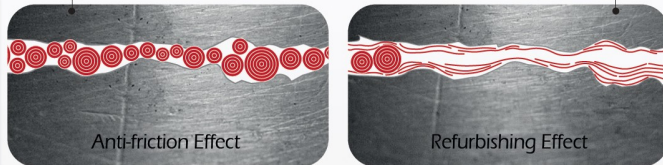




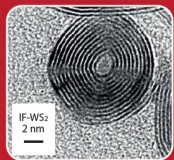
NANO EXTREME WS₂ Product Data Sheet

Anti-Friction & Anti-Wear Engine Oil Additive

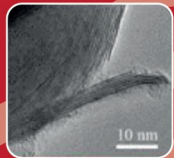
Dual-Effect Active Material



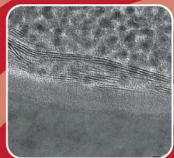
How Nano Extreme WS₂ "Dual Action" Works



Multi-layered nanosphere particles reduce friction



Under stress, nanoparticles exfoliate tribofilm lamellas



Tribofilm lamellas fill and re-smoothen damaged surfaces

Description

Nano Extreme WS₂ is a new generation surface-reconditioning nano lubricant for engine oil.

Featuring a unique "dual action" effect: multi-layer WS₂ nanospheres lower friction and heat, thereby reducing mechanical wear.

At the same time, friction causes nanospheres to release tribofilms that attach to surface crevices and re-smoothen them, thereby extending mechanical efficiency and apparatus life.

Nano Extreme WS₂ is based on formulated mineral oil concentrate mixed with super strong tungsten disulfide (WS₂) multi-layered nanofullerene particles.

Applications

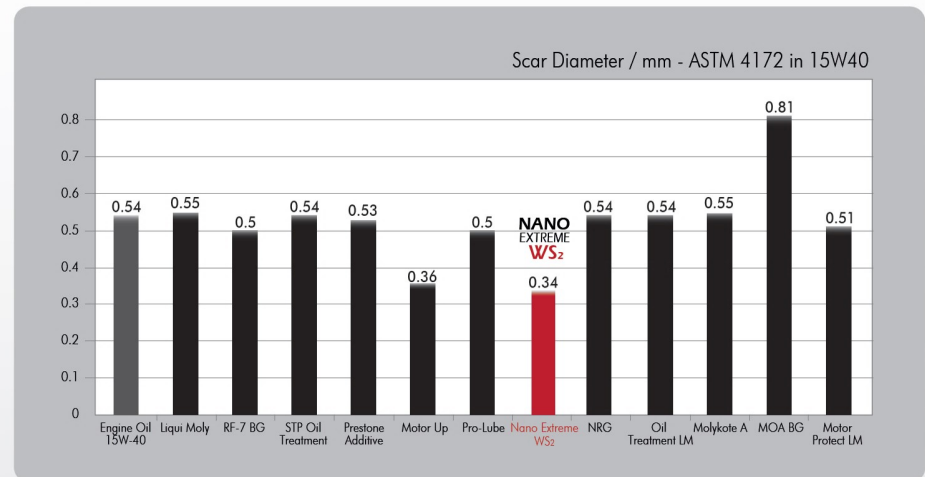
- Engine oil treatment for automotive and generator 4-stroke engines. Including private cars, trucks, industrial engines, boats & motorbikes.
- Suitable for all types of engines: gasoline & diesel, modern or classic.
- Suitable for all types of oils: synthetic, semi-synthetic or mineral.

Key Features

- Especially formulated for low friction - significantly reduces friction in engines in comparison to traditional lubricants.
- Unique nanotechnology minimizes engine wear - special formula creates a tenacious tribofilm that remains even after oil change, protecting your engine. This means longer equipment life and extended maintenance intervals.
- Two-in-one solution. No need for two separate additives; simpler and less expensive to use with added benefits.

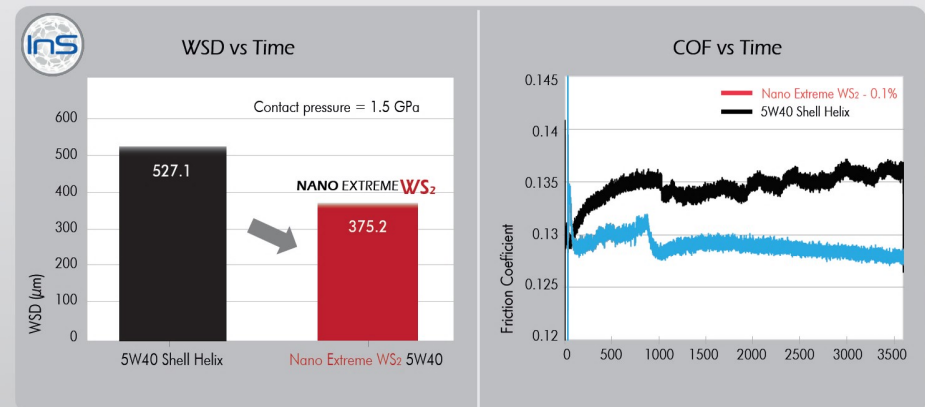
Performance Tests: Engine Oil

Nano Extreme WS₂ enhanced top-up additives applied to 15W40 engine oil improves performance in Scar Diameter more than popular brands.



SRV Performance Tests: Engine Oil

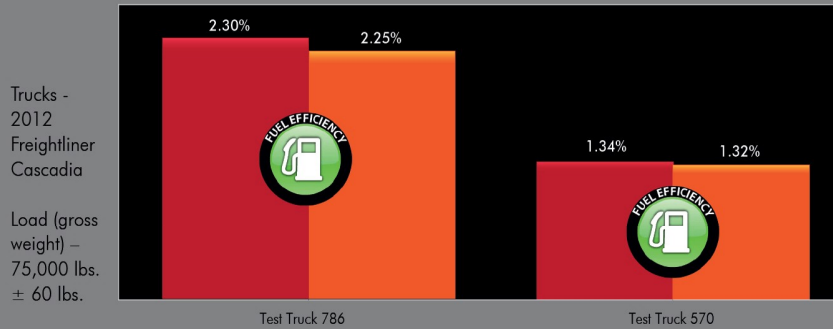
ASTM D5706 - ISO 12156-1



Performance Tests: Engine Oil

Shell Rotella T3 engine oil with top-up additive incorporating Nano Extreme WS₂ fullerene powder lowered fuel consumption by up to 2.30%

Impact of top-up additive with Nano Extreme WS₂ fullerene powder
 ■ % Improvement to baseline ■ % Fuel saved to baseline2



Trucks - 2012
 Freightliner Cascadia
 Load (gross weight) - 75,000 lbs. ± 60 lbs.

Source: Southwest Research Institute, TX, USA, Aug. 2012

Format & Packaging

Ready to use additive bottle 150ml.



Technical Specs

Color	Dark grey
Treat rate	1.5% - 7% v/v in host oil
Carrier	Mineral oil
Viscosity	90 cSt at 40°C
Density	0.9 g/cm ³
PSD (particle size distribution)	D-50 110nm
Health	Non-toxic nanoparticles as per OECD protocols
Safety	EU REACH Compliant



Power Can

NANO EXTREME WS₂



EXTEND ENGINE LIFE



IMPROVE POWER & TORQUE PERFORMANCE



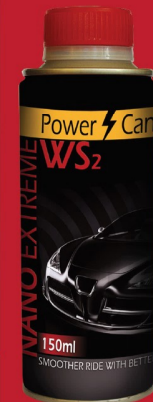
REDUCE HARMFUL EMISSIONS



REDUCE FUEL CONSUMPTION



REDUCE ENGINE NOISE



Product Data Sheet

Award winning TECHNOLOGY



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Surface Reconditioning Nanolubricants
 SMOOTHER RIDE, BETTER PERFORMANCE