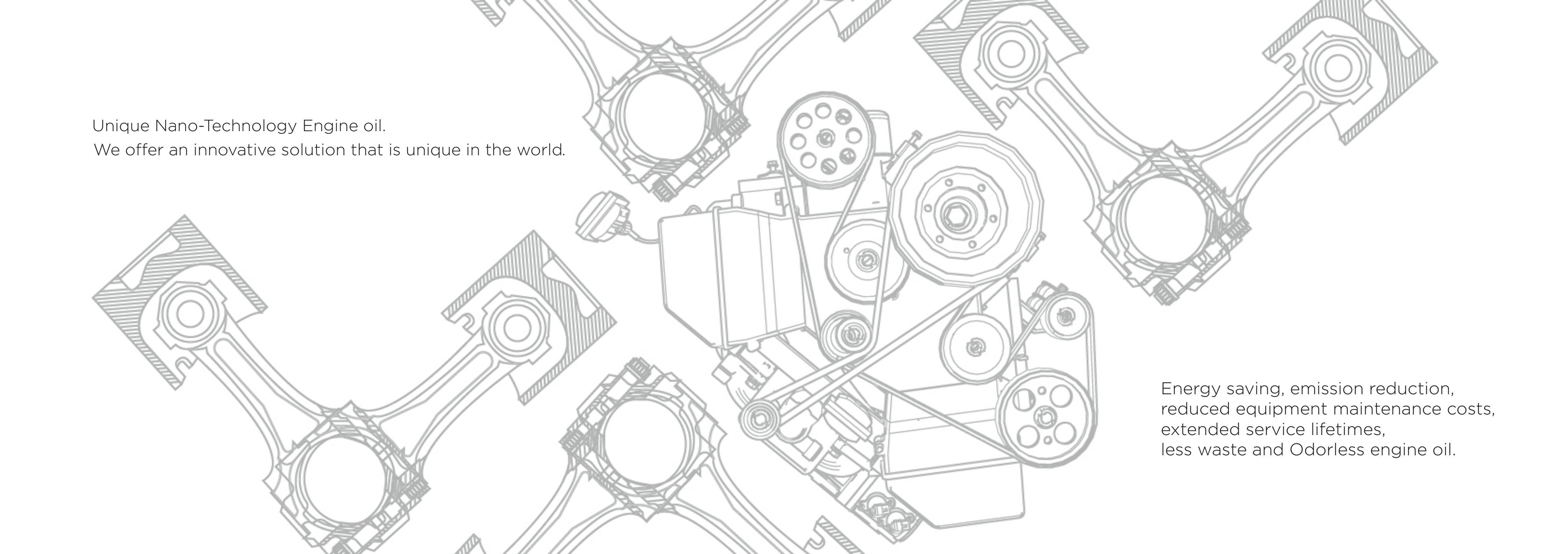


# NanoPower

Innovative and Patented  
SWEDEN - FINLAND  
Technology

A detailed technical line drawing of an engine and its various components, including pistons, connecting rods, and a belt drive system, arranged in a circular pattern around a central engine block. The drawing is rendered in a light gray color on a white background.

Unique Nano-Technology Engine oil.  
We offer an innovative solution that is unique in the world.

Energy saving, emission reduction,  
reduced equipment maintenance costs,  
extended service lifetimes,  
less waste and Odorless engine oil.

# INTRODUCTION

NanoPower oil is a Swedish-Finnish-based Technologies company. Our revolutionary, innovative and patent-protected lubricant additive, delivers immediate economic benefits to operators of all combustion engines and industrial machinery. It regenerates itself to provide continuous performance and protection.

NANOPOWER PASSENGER CAR LUBRICANTS are characterised by the high quality of the base stocks and latest generation nanol Technology. NanoPower takes care of the needs of both new and older generation cars with dedicated product ranges.

NANOPOWER BUS AND TRUCK LUBRICANTS are formulated to exceed the most up-to-date specifications set by manufacturers and international institutions, thus guaranteeing long-term, stable and reliable.

Nanol nanoparticles will also repair any surface damage and are squashed under pressure to fill any cracks, in order to ensure that the tribofilm that has a levelling effect to produce a smooth surface, which reduces boundary friction. The filling of cracks will also control micro-pitting. Note that the Nanol tribofilm layer will stay attached to the friction contact surfaces, even if the oil is drained.

## VISION

Our vision is to grow beyond the boundaries with high-tech products  
We aim to use effective methods and Nano Additive while producing to obtain high-quality products, present a qualified service, and be the leader in our sector solutions to change the future of the world.

## MISSION

Our mission is to create sustainable high-added value for all our stakeholders by offering innovative, reliable, and environmentally-friendly solutions for the global markets thanks to our knowledge accumulation.  
NanoPower oil is the best in the lubricant and motor oil sector.

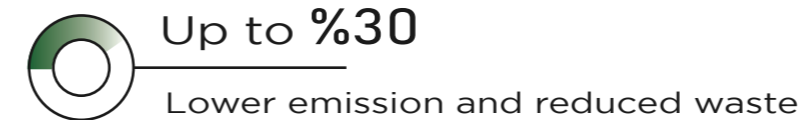
## PROVEN BENEFITS

Nanopower engine oil has been proven to offer several benefits in terms of friction, emissions, equipment, fuel efficiency, wear and tear, and maintenance. First, it reduces friction between the moving parts of the engine, leading to smoother operation and increased fuel efficiency. This reduction in friction also helps to lower engine temperatures, which reduces emissions and prolongs the life of the engine. Additionally, nanopower engine oil contains additives that protect against wear and tear, ensuring that the engine lasts longer and requires less maintenance. Finally, because nanopower engine oil is highly efficient at cleaning engine components, it helps to reduce harmful deposits and sludge buildup, which can cause engine damage and reduce fuel efficiency over time.

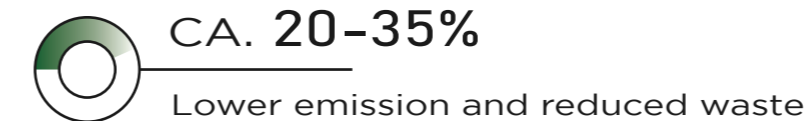
### FRICITION



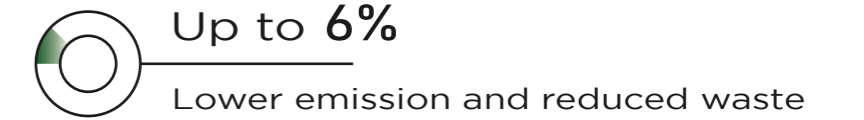
### EMISSION



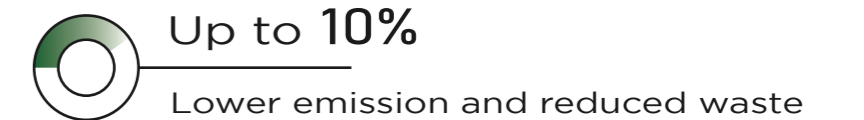
### EQUIPMENT



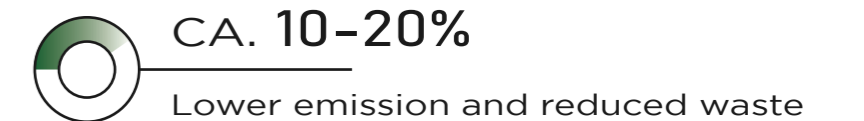
### FUEL



### WEAR AND TEARS



### MAINTENANCE



# OUR

# DIFFERENCE

## BENEFITS & Advantages

### Why Nanopower?

Reducing fuel and lubrication oil consumption

Odorless engine oil

Reduced wear and tear

Prolonging lifetime lubrication oil exchange intervals

Prologings lifetime of components, engine and machinery

Reducing emissions

Extended service intervals

Reduced frequency of oil changes

Reduces operating temperature

Improves fuel economy

Tribofilm properties

Higher load carrying

Less downtime

Increased energy efficiency

Heat dissipation

More sustainable

Improving machinery efficiency

Eco-friendly

Soluble in oil

Works in all types of engines







## 5W30 FULL SYNTHETIC

Nanopower Prime 5W/30 is developed for new-generation diesel particulate filter vehicles. New generation, high performance, fully synthetic oil technology that has been produced to satisfy the specifications of manufactures.

## 5W40 FULL SYNTHETIC

Nanopower 5W/40 is a synthetic based gasoline engine oil , produced with combination of high quality synthetic base oils and high performance additive packages are improved to suitable today's technology. As a results of its unique excellent technology , it provides peerless engine performance under most severe weather and driving conditions such as heavy traffic in town and also supports fuel economy . therefore it is recommended to use for multijet engines as well as other engines where 5W/40 oil grade is recomended.

**SN+ 5W-30 Full Synthetic**



**SN+ 5W-40 Full Synthetic**







## 10W40 CL-4 FULL SYNTHETIC

Nanopower oil diesel Promax is a high performance synthetic gasoline engine oil , formulated with high technology synthetic and mineral base oils with high performance additive combinations .Thanks to its special formulation developed by the help of synthetic technology , it provides better performance than mineral based oils and unique

## 15W40 CI-4

Nanopower Promax is high performance diesel engine oil for heavy-duty vehicles that has been formulated with high quality base oils and high performance additive combinations . it can be used in heavy duty vehicles , busses , pickup trucks , minibuses and panel vans that have turbo and super charged engines and work in urban , interurban and international transportation

SN 10W-40 CI-4  
Semi Synthetic



SN 15W-40 CI-4





### 10W40 SN/CF Semi Synthetic

Nanopower Ecomax 10W/40 with high technology synthetic base oils and high performance special additives . thanks to synthetic base oils formulation , it provides superior performance in any kinds of climate and road conditions compared to mineral based engines oils.

### 15W40 SN-CF

Nanopower oil Ecomax 15w/40 is the multi/viscosity petrol engines oil produced by addition of special additives to high-quality base oils in accordance with today's engine technology . it is used in industrial and private diesel engines, as well as all petrol-driven vehicles . it provides problem-free and economical performance in any climate and road condition.

SN / CF **10W-40** Semi Synthetic



SN / CF **15W-40**



# ADDITIVE



nanol **POWER+**

**NANOL® POWER+** products designed to serve our customers various needs in different segments  
NANOL® is blended in high quality base oils with different properties depending on the application.

nanol  
**Power+ E**

Especially designed for the Energy / Power-sector (power plants & generators). Long lasting  
Nanol effect with easy on-site dosage and top-up possibility.

nanol  
**Power+T**

Especially designed for the Transport-sector (cars, buses, trucks, trains, caterpillars etc  
Long lasting Nanol effect. Wide range of different packaging sizes available.



# 200 Le BARREL

## Shipping

we are excited to announce the addition of 200-liter barrels to our car oil delivery service. These barrels are the perfect solution for customers who need larger volumes of oil for their vehicles, commercial fleet operators and automotive service centers.

Whether you need a one-time delivery or a regular shipment of oil, our team is ready to provide exceptional service to meet your needs. Contact us today to schedule your first delivery and experience the convenience of our 200-liter barrels.

SAVE  
**TIME &  
MONEY**



Nanopower wholesale refers to the distribution of nanotechnology-based products and solutions in bulk quantities to businesses and retailers. This allows companies to purchase large quantities of nanopower products at a discounted price, which can help to reduce their manufacturing costs and improve profit margins.



# GREASE



200LE



15LE

Lityum Plex EP 1 Grease  
Lityum Plex EP 2 Grease  
Lityum Plex EP 3 Grease  
Super Grease  
Red grease

Nanopower grease is an advanced lubricant that uses nanotechnology to provide superior protection and performance to mechanical systems. Nanopower grease has a unique molecular structure that allows it to reduce friction and wear on moving parts, leading to longer equipment life and improved energy efficiency. It is also highly resistant to water and extreme temperatures, making it ideal for use in harsh environments.

# SHIP



# OIL

nanol  
Power+ M



## NANOL® POWER+ ML

Especially designed for the Marine segment's Low-sulphur fuel users  
new improved product with higher and longer lasting Nanol-reactivity.

## NANOL® POWER+ MH

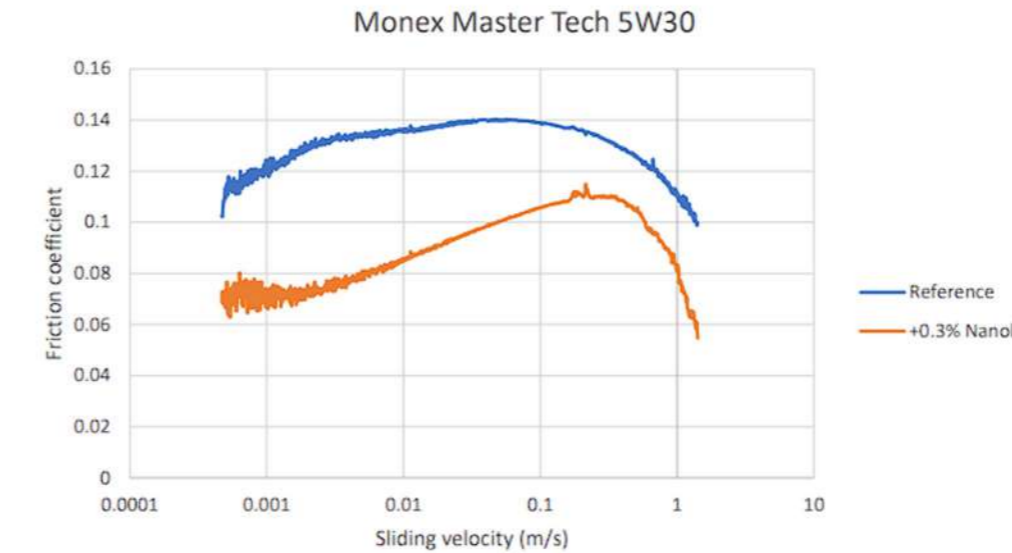
Especially designed for the Marine segment's High-sulphur fuel users  
who have a bigger need for oil top-up and change.

## Strong proof-of-concept across several types of combustion engines



## Results

### Monex Master Tech 5W30



Sliding speed	COF reference	COF 0.3% Nanol	Difference (%)
0.001 m/s	0.1226	0.0723	-41.0
0.01 m/s	0.1366	0.0852	-37.6
0.1 m/s	0.1388	0.1057	-23.8
1 m/s	0.1099	0.0833	-24.2

- Significant reduction in friction with Nanol during boundary and mixed lubrication regime
- System moves faster towards mixed lubrication regime with Nanol



## PREVENTS HYDROGEN EMBRITTLEMENT

### Nanol gives outstanding performance

Hydrogen embrittlement is serious problems in highly stressed bearings and gears  
Causes micro-pitting and white etching cracks  
FE8 roller bearing tests results show no micro-pitting or cracks with Nanol

Without Nanol



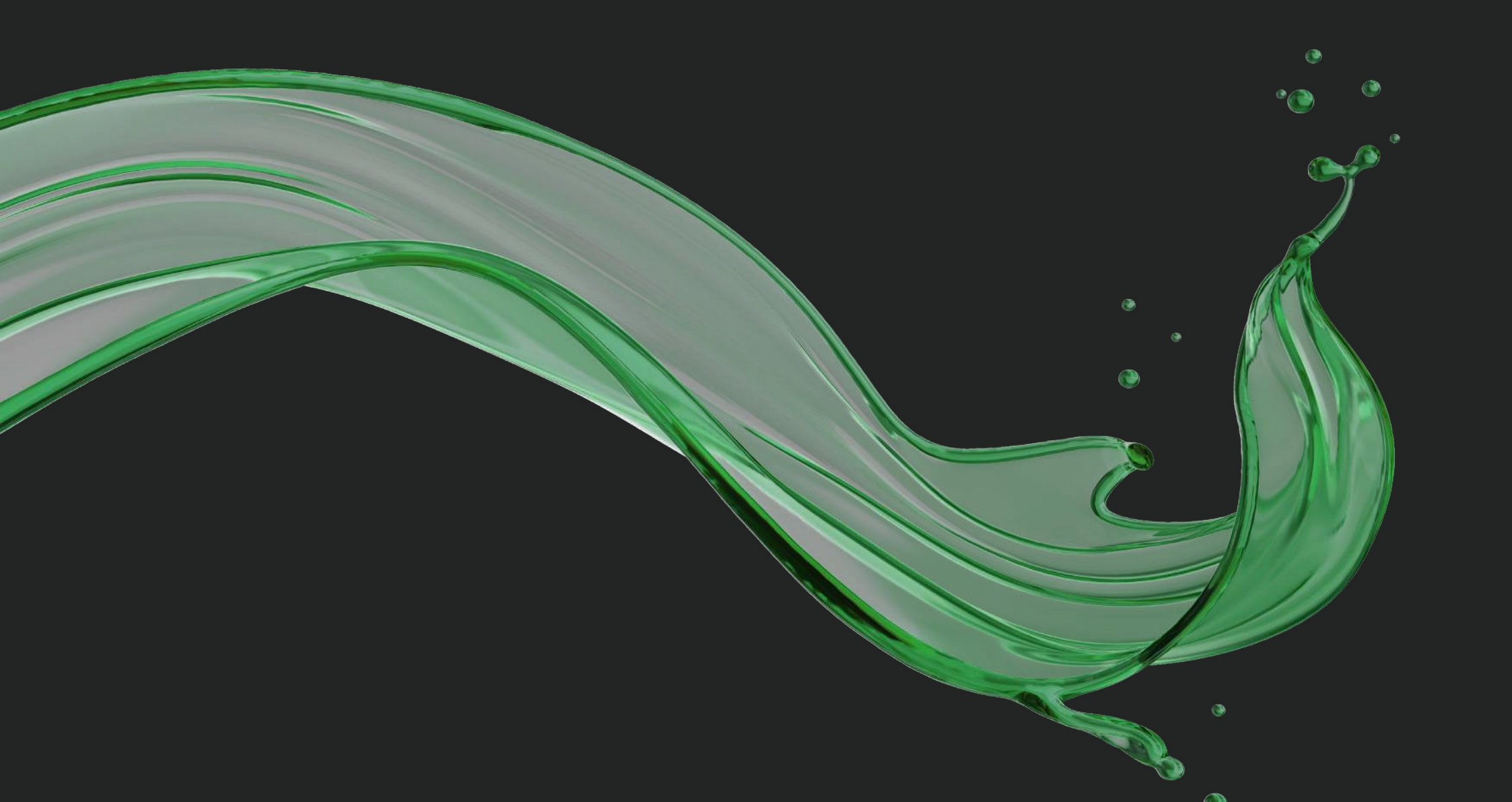
With Nanol



# Nanopower<sup>®</sup>

High Performance Lubricants





[www.nplube.com](http://www.nplube.com)

[sales@nplube.com](mailto:sales@nplube.com)