# RISLONE.

## RISLONE® TECHNICAL BULLETIN

TECH BULLETIN NUMBER: TB-44104-2

#### ISO 9001 CERTIFIED



44104

NANO PRIME
ENGINE + OIL
PERFORMANCE BOOSTER
16.9 FLOZ (500 mL)

## NANO PRIMÉ ENGINE + OIL PERFORMANCE BOOSTER™

Nano Prime<sup>™</sup> is Rislone's most advanced engine + oil additive ever - it's unlike anything else on the market period. Perfect for new and older vehicles **Rislone Nano Prime Engine + Oil Performance Booster** gives the extra protection needed for today's lighter-weight oils.

This unique Rislone additive uses a fully-formulated GF-5/SN-rated synthetic motor oil carrier that is backwards-compatible with all vehicles. It contains a base synthetic oil to help improve mileage & performance while decreasing emissions. It is designed to work fully with all oil viscosity grades including 0W-20, 0W-30, 5W-20, 5W-30, 5W-40, 10W-30, 15W-40 and all others.

This formula is enhanced with synthetic additives including nano-tungsten and moly friction modifiers, anti-wear agents, extreme pressure additives plus Rislone's famous detergent and dispersant package.

## INSTRUCTIONS FOR USE

For best protection use with every other oil change. With the engine off, remove your oil fill cap and pour

#### Rislone Nano Prime Engine • Oil Performance Booster

into engine per dosage chart. May be used any time, at or between oil changes. Do not overfill.

Safe to use on all vehicles and will not void manufacturer's new vehicle warranty.

## WHAT IS NANO?

The International System of Units states that "nano" is a prefix that means "one billionth." A nanometer is one-billionth of a meter. For comparison, a sheet of paper is 100,000 nanometers thick.

There are hundreds of products that contain nanomaterials. Some examples would be batteries, anti-bacterial clothing, and chemical coatings such as UV filters in sunscreens.

### DOSAGE

One bottle treats 4 to 6.5 liters of oil for regular vehicles. For larger engines, use 1 bottle for every 5.5 liters of capacity. On 4-stroke ATV, motorcycle and small engines, use approximately 90 mL per liter of oil capacity.

Do not use in wet clutch applications, as this reduces friction too effectively.



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## WHAT MAKES OUR NANO TECHNOLOGY DIFFERENT?

All engine metal has rough contact surfaces, including new and high-kilometer vehicle's.

Rislone nano-spheres are designed with a unique round shape for a smooth rolling action, which creates a spring-like cushion for extreme protection. Rislone Nano Prime technology also dramatically enhances anti-friction properties while coating metal surfaces, giving an extra layer of protection to your engine.



AFTER



**Dramatically enhances** anti-friction properties

Unique round shape for rolling effect



Coats metal surfaces giving an extra layer of protection



Creates a spring like

#### A Look Under the Microscope



Extremely Small Tungsten Nano Spheres

30-130 billionths of a meter



Under stress, our nano particles have the ability to shed their layers



These Spheres and Lavers Fill and Smooth Rough

## TREATS METAL





#### LUBRICATES

Anti-Wear Additives Reduce Internal Wear up to 37%



#### **PROTECTS**

**Defends Against** Overheating and **Engine Damage** 



#### TURBO POWER

100% Maximum Horsepower for Increased Performance



#### **FUEL EFFICIENT**

Less Friction = Better Fuel Economy & Less Emissions

## BENEFITS OF RISLONE NANO PRIME

- Features MoS<sub>2</sub> with WS<sub>2</sub> Nano Technology
- Increases Horsepower & Torque
- Reduces Engine Friction, Heat & Wear
- Repairs by Filling & Coating Rough and Worn Metal Surfaces
- Cleans and Prevents Sludge

| TEST                                | ASTM         | TYPICAL PROPERTIES |  |
|-------------------------------------|--------------|--------------------|--|
| Specific Gravity @<br>15.6°C        | D-4052       | 0.84               |  |
| Density @ 15.6°C                    | D-4052       | 7.06               |  |
| Viscosity Index                     | D-445        | 338.23             |  |
| Pour Point                          | D-5949       | -44°F(-42°C)       |  |
| Flash Point                         | D-93 Proc. A | 295°F(146°C)       |  |
| Kinematic Viscosity,<br>cSt @ 40°C  | D-446        | 48.59              |  |
| Kinematic Viscosity,<br>cSt @ 100°C | D-445        | 15.65              |  |