Graphenoil

# TECHNICAL DATA SHEET

VETERAN OWNED SMALL BUSINESS

MADE IN USA

# LUBRICATION MODIFIER

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## DESCRIPTION

Graphene Lubrication Modifier is an Engine Treatment by Graphenoil. Utilizing a newly discovered element of carbon called Graphene, Graphene Lubrication Modifier takes performance oil treatments to the next level. Graphene, “the wonder material” is the single atomic layer of Graphite. In the purest form, Graphene is the lightest and thinnest, strongest and most durable, most impermeable, and highest thermally conductive material known to exist. Graphene also has the highest lubricity or lowest coefficient of friction of any material, known as “Superlubricity.”

Due to the specific properties of Graphene, Graphene Lubrication Modifier not only treats the oil, it changes the molecular structure to increase performance. Specific performance values will be noted in improved maintenance and lifespan of the engine, noise reduction, weather protection, corrosion control, and operation under extreme temperatures (including cold starts).

## APPLICATIONS

For use in all manufacturers incl: motor vehicles, diesel and gas engines, industrial equipment, compressors and more.

## PHYSICAL PROPERTIES

| | |
|---|---|
| ASTM D4052 | At 20°C 0.8435 |
| | at 30°C 0.8393 |
| ASTM D1903 | 4.95E-04°C-1 |
| ASTM D7688 | Lubricity, Major Axis, µm 492 |
| | Lubricity, Minor Axis, µm 450 |
| | Lubricity, Wear Scar Diameter, µm 47 |
| | Wear Scar Area Description None |
| | Test Temperature, °C 60 |
| | Base Number, mg KOH/g 24.5 |
| ASTM D4172 | .407MM |

## METHOD OF USE

Treat current oil system according to manufacturer’s specifications and owner’s manual. *Do not overfill.

## STORAGE & HANDLING

Keep container closed until use. Keep out of direct sunlight and heat. Discard waste appropriately.

## NOTES

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof.

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## TRADEMARK USAGE



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