



**PRODUCT OVERVIEW**

NanoClear504 is formulated with three patented chemicals to extend the performance of oil in shear stability, oxidation stability, performance and anti-wear and anti-friction properties and is ready to use. It is engineered with clear nano carbon particles, a Group V Ester and Group IV PAO. Our proprietary nano carbon allows for higher thermal conductivity, wear resistance, load carrying capacity and adsorption ability.

**APPLICATIONS**

NanoClear504 is compatible with mineral, semi-synthetic and synthetic oils. NanoClear504 is engineered for higher viscosities oils and may be used as part of an additive package or as an add-on to market-ready products.

**BENEFITS**

- Contains a synthetic, colorless nano-carbon lubricant
- Improves shear stability, oxidation stability, film strength
- Reduces wear by up to 43% compared to Shell Rotella baseline\*
- Increases horsepower and fuel economy by 1-5%\*

\*Verified by 3<sup>rd</sup> party testing

**TYPICAL PROPERTIES**

| PROPERTY OR TEST                                | ASTM   | RESULT    |
|---|--------|-----------|
| Kinematic Viscosity @ 40°C, mm <sup>2</sup> /2  | D-445  | 131.1 cSt |
| Kinematic Viscosity @ 100°C, mm <sup>2</sup> /2 | D-445  | 19.90 cSt |
| Viscosity Index                                 | D-2270 | 174       |
| Specific Gravity                                | D-4052 | 0.8926    |
| Acid Number, mg KOH/g                           | D-974  | 0.18      |
| Flash Point (open cup), °F                      | D-92   | 140       |
| Pour Point, °C                                  | D-97   | -30       |
| Dielectric Breakdown Voltage, Kilovolts         | D-877  | 42        |
| Water Mass %                                    | D-6304 | 0.02      |
| Color   | D-1500 | L0.5      |

**Tariff Code:** 3811.21.0000

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