Engine Armour Tech™ is a revolutionary nanotechnology formula that dramatically improves engine lubrication and engine performance. This proprietary microscopic ceramic solution reduces friction and wear between moving engine parts.

While Engine Armour Tech™ is applied via the engine oil port, it is NOT an oil additive or oil replacement but rather an engine metal treatment. It creates a protective barrier that bonds (by heat) to all internal metal surfaces. It cleans away carbon deposits and fuses into the microscopic pores of metal. When fully cured, it becomes a glass-smooth ceramic finish that significantly reduces friction, will NOT allow the formation of sludge & abrasive carbon, reduces wear on components, saves maintenance costs and maximizes uptime.

Engine Armour Tech™ is an inert, non-flammable, environmentally friendly liquid with no VOCs, solvents, silicone graphite, molybdenum or PTFE (Teflon).

**Enhanced Engine Performance**
- Reduces friction & heat
- Improves engine torque & horsepower
- Improves engine compression
- Significantly reduces blow-by
- Improves fuel economy
- Cleans out carbon deposits
- Helps keep engine clean

**Reduced Maintenance**
- Reduced engine wear
- Prolongs life of engine oil
- Reduces strain during start-up
- Reduces vibration (harmonics)
- Extends life of engine parts

**Reduced Emissions**
- Reduces toxic emissions
- Reduces carbon & soot
- Reduces noise
- Reduces DEF consumption

### Vehicle Applications
- Engines
- Transmissions
- Differentials
- Wet Axles
- Hydraulic Systems

### Industry Applications
- Trucking & Fleets
- Road Construction
- Mining & Excavation
- Transportation
- Agricultural Equipment

### Other Applications
- Industrial Equipment
- Oil & Gas Service
- Manufacturing Equipment
- Marine Engine Applications
- Truck Reefer Units
- Gensets
- Pumps
- Tractors
- RV’s
- Small Engines

### Bottled Product - Industrial Strength Concentrate
- **Physical State:** Liquid at 68 °F
- **Colour:** Clear with green tint
- **Density:** 1.04 at 68 °F (water being 1.0)
- **pH rating:** neutral
- **Chemical Stability:** Polymerization will NOT occur
- **Nano particle size:** 0.1 um (100 nm)
- **VOC Content:** Not listed as a dangerous material
- **Non hazardous:** Inert ceramic material
- **Suitable for use with all lubricants (carrier)**

### Applied Product - Cured
- **Cured hardness rating:** Vickers hardness test 40-50 (HV) GPa
- **Low temperature operation:** Performs in EXTREME cold climates
- **High temperature operation:** Up to 1900 °F
- **Wettability:** Excellent performance
- **Friction reduction modifier:** Excellent performance
- **Anti-foaming properties:** Excellent performance
- **Antioxidant properties:** Excellent performance
- **Anti-corrosive properties:** Excellent performance
- **Cold Engine Starts:** Eliminates chaffing in cold engine starts

The information on this technical data sheet is based on data that is considered accurate. Engine Armour Technology does not assume responsibility for any misrepresentation or assumptions the reader may formulate.