



ENGINE MAX

ENGINE TREATMENT & OIL STABILIZER

TECHNICAL DATA SHEET

BENEFITS:

- Reduced Friction and Wear
- Increased Compression
- Reduced Fuel Consumption
- Seal Conditioners to Reduce Oil Leaks
- Increased Engine Life
- Reduced Maintenance
- Longer Effective Oil Life
- Reduced Heat
- Reduces Oil Consumption
- Restored Compression

TRUE BRAND PTFE TREATMENT CONCEPT:

TRUE BRAND protects metal-to-metal friction surfaces with fused PTFE treatment, like “wet ice on wet ice,” a substitute wear surface that **reduces friction, wear and heat** while increasing energy efficiency and prolonging life and trouble-free operation.

- After application, the lubrication system carries TRUE BRAND's sub-micron PTFE proprietary formula to friction surfaces.
- TRUE BRAND's metal preparation chemistry surfactants reduce surface tension of gums and varnish on friction surfaces, preparing the friction surfaces for PTFE treatment.
- TRUE BRAND's bonding agents work with mechanical action to fuse micro-thin PTFE treatment onto friction surface high points, providing PTFE protection while allowing surface metal oil flow to continue.
- Permanently bonded PTFE does not drain with oil. Only honing or abrasives remove the treatment. Tests have shown it can last more than 50,000 miles or 1,000 hours in typical use automotive engines, but it recommended to retreat every 15,000 miles or once per year.

Now friction components glide by each other on long-lasting PTFE protection, reducing wear by as much as 50 to 90%.

SAFE, EFFECTIVE PROTECTION:

As a manufacturer committed to advanced PTFE treatment technology, TRUE BRAND provides PTFE that suspend easily in carrier oils and pass readily through standard filters. Many years of product development efforts produced our proprietary formula, a metal preparation, blending, suspension and bonding formula exclusive to TRUE BRAND, with specialized PTFE especially chosen for higher tensile strength and stiffness, greater fracture resistance and improved flex life strength and life.

Also, TRUE BRAND treatment utilizes chemically inert PTFE, does not contain chlorine or other potentially harmful components, does not compromise host oil characteristics or component critical tolerances. TRUE BRAND Engine Treatment is tested safe and effective and meets manufacturers' warranty requirements.

Contact True Brand or your rep for more information.





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COMMON ISSUES RESOLVED:

Because of tight tolerances and low-tension piston rings, soot from GDI systems and common sludge from overdue oil changes can mix with the oil and clog ring lands which leads to sticking rings, oil consumption and reduced compression. True Brand Engine Max stops the soot/oil slurry from adhering to the rings and ring lands which in turn stops compression loss from this issue occurring. Another common issue with late model engines is sticking of the hydraulic actuators used to control variable valve timing. Once again, the unique attributes of Engine Max mitigate this issue.

APPLICATION:

Internal combustion engines, including gasoline, diesel, propane and natural gas fueled engines, reciprocating piston and rotary engines.

DIRECTIONS:

1. Drain oil and replace filter.
2. Refill with quality oil to capacity less amount of TRUE BRAND Engine Treatment to be added.
3. Invert TRUE BRAND Engine Treatment, shake well and add to motor oil.
4. Drive vehicle or run engine immediately for 30 minutes minimum.
5. Change oil as manufacturer recommends.

USAGE RATIO:

20% TRUE BRAND to 80% oil capacity.
[One (1) quart will treat most auto and light truck engines.] TRUE BRAND Engine Treatment is a friction surface metal treatment, not a typical oil treatment.

CHARACTERISTICS:

Boundary Lubricant PTFE
Pour Point -39° F
Flash Point 420° F
Total Base Number 12



THE CHOICE OF CHAMPIONS since 1989

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