



TS-1 Synthetic Performance Motor Oil

“KEEPING YOU COOL UNDER PRESSURE”

**Premium Synthetic Motor Oil for High Performance
Turbo & Non Turbo Gasoline Engines
API Service Level SL / SJ / SH**

Product Description:

TS-1 SYNTHETIC PERFORMANCE MOTOR OIL is a high performance oil designed to meet the latest car manufacturers warranty requirements. These engines experience higher operating temperatures and require motor oils that offer maximum protection against both viscosity and thermal breakdown.

TS-1 SYNTHETIC OIL is a blend of the highest quality, stable, full synthetic PAO base oils, esters and special proprietary additive systems, which protects against high temperature oxidation, wear, and viscosity breakdown. It is fortified with detergent-dispersants and rust and corrosion inhibitors to keep engines exceptionally clean and free of sludge, varnish, and rust. Proprietary chemistries are designed to increase horsepower and shear stability, minimize foaming and frothing, and provide a reduction in friction and maximum protection between moving engine parts. Meets the requirements of the ASTM Sequence VIB Fuel Economy Specification defined in EC and ILSAC GF-3.

Typical Uses:

- Meets or exceeds API Service Class SL, ILSAC GF-3 and military specification MIL-L-46152E.
- Recommended for domestic and foreign high performance turbo and non-turbocharged engines.
- Recommended for passenger cars, light duty pickups, motorcycles and other gasoline engines in mobile or stationary service.
- Specially formulated to meet demands of today’s small displacement high RPM fuel-efficient engines.
- Compatible with conventional engine oils and suitable for top-off and service fill applications.

Features:

- Contains proprietary VisTech Technology providing critical bottom-end protection
- Treated with exclusive Blu-Ester additive chemistry providing better coefficient of friction, unleashing horsepower, with maximum protection against engine wear.
- AFX3 inhibited proprietary chemistry minimizing foaming and overflow vital to turbo / high performance applications
- Highly oxidative stable (high VI) – protecting engine oil from thickening, high temperature sludge and varnish deposits
- High shear stability and low volatility

TYPICAL INSPECTIONS

<u>SAE Viscosity Grade</u>	<u>ASTM Test</u>	<u>5W-30</u>
Gravity, °API	D-287	30.7
Flash Point, °F	D-92	450
Fire Point, °F	D-92	465
Pour Point, °F	D-97	-45
Viscosity:		
cSt @ 40°C	D-445	63.5
cSt @ 100°C	D-445	10.72
CCS @ -30°C, cP	D-5293	2,000
Viscosity Index	D-2270	160
Color Standard	-----	Blue
Zinc, Wt. %	-----	0.10
TBN, mg KOH / g	D-2896	6.2