



# PRO-TECH ENGINE TREATMENT with ZTM

- **HELPS CLEAN UP DIRTY ENGINES**
- **EXTENDS ENGINE LIFE**
- **MULTI-FRICTION REDUCING ADDITIVES**
- **EXTEND OIL DRAIN INTERVALS**
- **FOR GASOLINE AND DIESEL ENGINES**

## THE ONLY ENGINE TREATMENT WITH ZTM

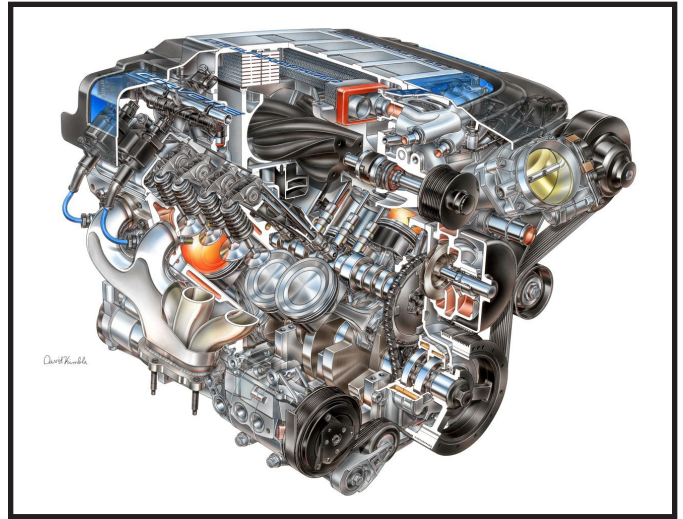
PRO-TECH ENGINE TREATMENT WITH ZTM is a remarkably effective easy-to-use protectant oil for both gasoline and diesel engines. PRO-TECH's proprietary additive package is a blend of two types of zinc for anti-wear, along with Teflon and molybdenum. This proprietary additive package is specifically blended to aid in the protection of metal surfaces in an engine. Thereby, helping to reduce friction, wear, and heat.

### PRO-TECH WITH ZTM Helps Clean Engines

Lesser quality engine oils are aided with the addition of PRO-TECH ENGINE TREATMENT WITH ZTM. This unique product has a high detergent-dispersant package. Once added to an oil, that oil's detergent/dispersant package is boosted. The end result is a cleaner, more efficiently operating engine.

### PRO-TECH WITH ZTM Helps Extend Engine Life

PRO-TECH ENGINE TREATMENT WITH ZTM contributes to longer engine life in ways that go beyond friction reduction and improved wear. Extra protection is offered to combat oil ring deposits along with advanced protection for valve train wear. By controlling and helping reduce sludge, better performance under severe



*Protect your investment with PRO-TECH ENGINE  
TREATMENT with ZTM*

operating conditions will contribute to a longer engine life expectancy.

### PRO-TECH WITH ZTM Multi-Friction Reducing Additives

One of the most damaging obstacles in an engine's life is heat build-up. Heat results from metal to metal contact - - friction. With the addition of PRO-TECH ENGINE TREATMENT WITH ZTM, to a crankcase oil, remarkable wear reduction occurs. This wear reduction carries over into the boundary lubrication area as well. Thus, one reason PRO-TECH ENGINE TREATMENT WITH ZTM performs exceptionally well in the 4-Ball Wear Test, the friction test on SRV Tester and with tests in the Falex Pin and Vee Block test.

### PRO-TECH WITH ZTM Helps Extend Oil Drain Intervals

PRO-TECH ENGINE TREATMENT WITH ZTM has an exceptionally high Total Base Number rating of 15. The higher the TBN, the greater the protection provided against the corrosive effects of acid. Everyday motor oils whose TBN levels, when new, are usually around 8 will find this added TBN boost beneficial. PRO-TECH ENGINE TREATMENT WITH ZTM by boosting TBN levels helps neutralize deadly and corrosive acid wear, thus aiding engine longevity.

## PRO-TECH WITH ZTM For Gasoline and Diesel

To maximize engine protection for both gasoline and diesel, PRO-TECH engine treatment is formulated with a compounded carrier oil that meets the API SL-CI-4 PLUS specifications. The usage rates for gasoline and diesel are the same.

- For crankcase capacity of 4 quarts, add 1 quart of PRO-TECH to 3 quarts of high quality motor oil.
- For a crankcase capacity of 5 quarts, add 1 quart of PRO-TECH to 4 quarts of high quality motor oil.
- For a crankcase capacity of more than 5 quarts, use a ratio of 20% PRO-TECH to 80% high quality motor oil.

# SPECIFICATIONS

## PRO-TECH ENGINE TREATMENT with ZTM CARRIER BASE OIL PRODUCT CODE #6430

MEETS AND/OR EXCEEDS MIL-L-2104E, MIL-L-46152E, CID-AA-52039, Caterpillar TO-2, Cummins CES 20076, Cummins CES 20078, Detroit Diesel Power Guard 93K214, Mack EO-N Premium Plus, Mack EO-N Premium Plus 03, Navistar, Allis-Chalmers, Series 3, GM6094M, Ford M2C153E, Ford M2C171C, ACEA E5/E3/B3/A3, Mercedes Benz MB 228.3, Mercedes Benz 229.1, Volvo VDS-2, Volvo VDS-3, Global DHD-1, A.P.I. CF-4, CG-4, CH-4, CI-4, CI-4 Plus, SH, SJ, SL, Allison C-4, MAN271, MTU Type 1..

ASTM TEST METHOD	TESTS	TYPICAL
D 287	API Gravity	27/29
D 92	Flash Point, Degrees F., Minimum	400°F (204°C)
D 92	Fire Point, Degrees F, Minimum	440°F (227° C)
D 97	Pour Point, Degrees F., Maximum	-28°F (-33°C)
D 5293	Viscosity, cP Cold Cranking Simulator at -20°C (typical)	5200 Max.
D 446	Viscosity @ 100°F., SUS	632 Typ.
D 446	Viscosity, SUS at 210°F.	76/83
D 567	Viscosity Index, Minimum	150
	Calcium, Wt. %	0.45
	Zinc, Wt. %	0.14
	Nitrogen, Wt. % Typical	0.10
	Sulfated Ash, Wt. % Maximum	1.72
	Total Base Number (TBN), Mg KOH/gm	15
	Total Acid No. (TAN), Mg KOH/gm	2.5

TEFLON® is a registered trademark of DuPont.

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).



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**PRINTED 10/2015**