



## THAI PETROLEUM & TRADING CO.,LTD.

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# STATES DIESEL TURBO TECH

## A Premium Motor Oil For Heavy-Duty Diesel And Gasoline Engines

### Product Descriptions

**STATES DIESEL TURBO TECH** is formulated with the high-quality base stocks and superior additives. **STATES DIESEL TURBO TECH** will maintain its viscosity under conditions of high temperature and high stress, helping protect moving parts from friction, wear and engine destroying metal-to-metal contact. **STATES DIESEL TURBO TECH** has outstanding resistance to “shearing out” of viscosity grade, so it can continue to provide the oil film and wear protection necessary, even under extended drain interval conditions. **STATES DIESEL TURBO TECH MOTOR OIL** is specially formulated so that it can resist shear down, viscosity loss and thickening from heavy soot load and oxidation, even under extreme circumstances, such as extended oil drains of up to twice the normal interval.

### Applications

**STATES DIESEL TURBO TECH** is truly universal oil. It is recommended for use in over-the road diesel trucks, heavy-duty construction equipment, mining equipment, oil field engines, farm vehicles and passenger cars. It is also recommended for gasoline engines.

**STATES DIESEL TURBO TECH** meets or exceeds the performance requirements of the following diesel engine manufacturers: Mercedes-Benz, Cummins, MAN, MTU, Mack trucks and Volvo as well as

### Features

- Helps extend engine life
- Provides a protective shield against all forms of wear
- Helps maintain fuel economy
- Helps reduce oil consumption
- Outstanding soot control
- Consistent oil pressure for thorough engine lubrication
- Recommended for both diesel and gasoline engines
- Recommended for turbocharged diesel engines
- Minimizes piston and combustion chamber deposits
- Fights sludge and varnish
- Effectively neutralizes acids to help keep corrosive wear to a minimum
- Contains anti-wear and anti-scuff agents
- Meets API Service Classification of CH-4/SJ
- SAE 15W-40 meets or exceeds API CH-4/SJ, CI-4, CH-4, SJ, Daimler MB 228.3, MTU Type 2, Cummins CES 20076, Mack EO-M (level), Mack EO-M Plus (Capable), MAN M3275(E3-96) level, Volvo VDS (level)
- SAE 20W-50 meets or exceeds API CH-4/SJ, CI-4, CH-4, SJ

บริษัท น้ำมันปิโตรเลียมไทย จำกัด

เลขที่ 1 อาคาร ที พี แอนด์ ที ชั้น 9-10 ซอยวิภาวดีรังสิต 19 แขวงจตุจักร เขตจตุจักร กรุงเทพฯ 10900

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STATES DIESEL TURBO TECH**

Test	METHOD	TYPICAL RESULTS	
SAE Viscosity Grade	SAE J300	15W-40	20W-50
API Service	SAE J183	CH-4/SJ	CH-4/SJ
Pour Point, °C	ASTM D-97	-30	-25
Flash Point, °C	ASTM D-92	230	245
Viscosity			
@ 40 °C, cSt	ASTM D-445	115.0	185.8
@ 100 °C, cSt	ASTM D-445	15.0	20.69
Viscosity Index	ASTM D-2270	145	130
Low Temperature Viscosity	ASTM D-5293	6,400 @-20 °C	9,200 @-15 °C
Total Base Number , mg KOH/g	ASTM D-2896	9.10	9.10

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