



## T5X® Heavy Duty Motor Oil – Multigrade

76® T5X Heavy Duty Motor Oil, SAE 15W-40, is a high-quality universal fleet engine oil designed for use in on-highway diesel trucks and off-highway diesel equipment, as well as in passenger cars and light trucks with either diesel or gasoline engines. It is recommended for use both in EGR-equipped diesel engines and in older, non-EGR diesel engines. It also will provide excellent protection for gasoline engines for use in mixed commercial fleets.

T5X Heavy Duty Motor Oil, SAE 15W-40, is formulated with advanced additive technology to provide excellent wear protection, soot control and bearing corrosion protection. It has excellent soot dispersancy to protect against abrasive wear and soot-induced oil thickening, and excellent oxidation resistance to help minimize deposit formation.

T5X Heavy Duty Motor Oil, SAE 15W-40, meets or exceeds the performance requirements of API Service Categories CI-4 and SL, API CI-4 PLUS and leading OEM specifications for diesel engine oils.

### **Applications**

- On-highway diesel trucks equipped with cooled-EGR, ACERT or other technologies to meet 2004 and earlier exhaust emission standards
- Older diesel equipment with conventional, non-EGR engines
- Mixed fleets with both diesel and gasoline-fueled vehicles
- Off-highway construction, earth moving and mining equipment
- Farm equipment with diesel or gasoline engines

T5X Heavy Duty Engine Oil meets or exceeds the requirements of:

- API Service CI-4, CH-4, CG-4, CF-4, CF, SL
- API CI-4 PLUS
- Caterpillar ECF-2, ECF-1a
- Cummins CES 20078, CES 20076
- Mack EO-N Premium Plus 03
- Volvo VDS-2
- Diesel engines manufactured by OEMs not listed above, including Detroit Diesel, International (Navistar), John Deere, Hino, Komatsu, Kubota and others

**Universal Fleet  
Engine Oil**

**Customer Service  
Number:  
1-888-766-7676**

**Technical Hot Line:  
1-800-435-7761**

**E-mail Address:  
76lubricants@  
conocophillips.com**

***www.76Lubricants.com***

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079



## Features/Benefits

- Excellent soot control for protection against abrasive wear and soot-induced oil thickening
- Resists viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against wear
- Protects against rust and bearing corrosion
- Good low-temperature pumpability, even with soot-laden oil
- Good resistance to foaming and aeration

## T5X® Heavy Duty Motor Oil – Multigrade

### Typical Properties

SAE Grade	15W-40
Specific Gravity @ 60°F	0.878
Density, lbs/gal @ 60°F	7.32
Color, ASTM D1500	L 4.0
Flash Point (COC), °C (°F)	232 (450)
Pour Point, °C (°F)	<-36 (<-33)
Viscosity, Kinematic	
cSt @ 40°C	115
cSt @ 100°C	15.2
Viscosity Index	137
Cold Cranking Viscosity, cP @ -20°C	6,500
High-Temp/High-Shear Viscosity, cP @ 150°C	4.1
Sulfated Ash, ASTM D874, wt %	1.18
Total Base Number (TBN), ASTM D2896	9.5
Zinc, wt %	0.134

## Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

Copyright © 2008 ConocoPhillips Company. The ConocoPhillips logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.