



LUBRICANTS

T5X[®] PLUS Heavy Duty Diesel Engine Oil

Phillips 66[®] T5X PLUS Heavy Duty Diesel Engine Oil is a high-quality diesel engine oil designed for use in off-highway diesel equipment, farm machinery, marine engines and mixed commercial fleets.

T5X PLUS Heavy Duty is formulated to provide excellent wear protection, to minimize the formation of sludge and varnish, to protect against rust and bearing corrosion, and to resist foaming. It has excellent soot dispersancy to protect against abrasive wear and soot-induced oil thickening, and excellent oxidation resistance to help minimize deposit formation.

Applications

- Off-highway trucks, heavy equipment and farm equipment

T5X PLUS Heavy Duty meets or exceeds the requirements of:

- Former API Service CF
- API Service SL

Features/Benefits

- Excellent soot control for protection against abrasive wear and soot-induced oil thickening
- Protects against sludge and varnish formation
- Protects against scuffing and wear
- Protects against rust and bearing corrosion
- Good resistance to foaming and aeration

**Heavy-Duty
Monograde
Diesel Engine
Oil**

KEEPING THE
WORLD
RUNNING
SMOOTHLY. 



T5X[®] PLUS Heavy Duty Diesel Engine Oil

Typical Properties	
SAE Grade	40
Specific Gravity @ 60°F	0.879
Density, lbs/gal @ 60°F	7.32
Color, ASTM D1500	4.0
Flash Point (COC), °C (°F)	235 (455)
Pour Point, °C (°F)	-36 (-33)
Viscosity, Kinematic	
cSt @ 40°C	142
cSt @ 100°C	15.3
Viscosity Index	110
High-Temp/High-Shear Viscosity, cP @ 150°C	4.2
Sulfated Ash, ASTM D874, wt %	1.39
Total Base Number (TBN), ASTM D2896	10.5
Zinc, wt %	0.119

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.

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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.

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