

# Technical Data

## TOTAL SERVICE SERIES

### PX TURBO MULTI-FLEET 15W-40 CI-4

#### Product Description

PX Turbo Multi-Fleet Diesel CI-4 is an advanced, world capable diesel engine oil that has been formulated specifically to meet the requirements of US, European and Japanese design emission engines. This includes engines with exhaust gas recycling (EGR) and provides fuel economy, high wear and protection and long drain capability.

PX Turbo Multi-Fleet Diesel CI-4 is recommended for high speed, turbocharged four stroke engines, in particular all emission design engines. These include post 1994 engines, operating on a low sulphur fuels and especially high top ring designs, which prefer low ash oils. General applications include long distance trucking, earthmoving, off highway and stationary plant operations where engines are run under the most severe conditions.

PX Turbo Multi-Fleet Diesel CI-4 is a low phosphorus oil suitable for all four stroke diesel and petrol engines making it ideal for mixed fleets of vehicles. PX Turbo Multi-Fleet Diesel CI-4 may be used in Allison (Type C-4, SAE 30) transmissions and in hydraulic systems where manufacturer's specifications permit. As engines fitted with EGR can add to deposits forming in the combustion chamber, Turbo Multi-Fleet Diesels low sulphated ash content assists in maintaining engine and injector cleanliness.

#### Applications/ Benefits

- Formulated for extra high engine loads.
- Minimizes oil consumption.
- Neutralizes acids from high sulfur fuel.
- Is also designed for engines fitted with EGR.

#### Typical Characteristics

Test Description	Method	Result
SAE Viscosity Grade	SAE J300	15W-40
Specific Gravity @ 15 0 C	ASTM D-4052	0.886
Flash Point, 0 C	ASTM D-92	218
Pour Point, 0 C	ASTM D-5950	-24
Kinematics Viscosity		
@ 40C (cSt)	ASTM D-445	111.6
@ 100 0 C (cSt)	ASTM D-445	15.4
Viscosity Index	ASTM D-2270	141
TBN (mgKOH/g)	ASTM D-2896	10.0



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## Approvals/ Specifications

- API: CI-4/ SL
- ACEA: A3/ B4, E3, E5, E7
- Cummins: 20071, 20072, 20076, 20077, 20078
- Detroit: 7SE270
- Mercedes-Benz: 228.3
- Volvo: VDS 3 - Approval
- CAT: ECF-2, ECF-1, SEBU 6250, TO-2
- Mack: EO-M/ EO-M Plus/ EO-N Premium Plus - Approval
- JASO: DH-1
- MAN: M3275-1, 270/ 271
- MTU: Type 1
- Allison: C-4, C-3
- Navistar: TSI-99-12

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.



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