

HEAVY DUTY DIESEL ENGINE OIL

# Fleet Pro™ Plus 15W-40



## Heavy Duty Diesel Engine Oil

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### Superior Protection for Harder-Working Engines

Specially formulated for today's high-performance, low-emission exhaust gas recirculation (EGR) diesel engines, including engines with particulate traps. Where API CJ-4 is not required, the Fleet Pro™ Series is an advanced line of harder-working products that offers year-round protection. These oils provide wear and corrosion protection that enable engines to run smoother and stay cleaner longer, support extended drain intervals, reduce downtime and increase operating profitability.

Exceeds heavy duty engine oil specifications by Mack, Volvo, Cummins, Caterpillar and Detroit Diesel.

For diesel or mixed fleets, Fleet Pro™ Plus 15W-40 delivers fast all-season starts and dependable, predictable machine operation. Its exclusive formula exceeds CI-4 PLUS and CI-4 requirements, and protects major equipment investments with:

- Higher TBN and viscosity retention
- Exceptional low-temperature flow
- Enhanced oxidation stability
- Outstanding soot handling, deposit control and engine protection

On- or off-road, mining or machining, engines that work harder need protection that works harder, too. You can count on that protection day after day, mile after mile, with Fleet Pro™ Plus 15W-40 Heavy Duty Diesel engine oil from Pinnacle Oil.

### High TBN

Fleet Pro™ Plus 15W-40 features a high 12 TBN level, neutralizing more of the acids produced by severe operating conditions, EGR engines, and higher sulfur fuels; and provides maximum component protection from corrosion. Fleet Pro™ Plus 15W-40 demonstrates outstanding performance in applications using a variety of fuel sulfur levels: off-road, low sulfur diesel (LSD) and ultra low sulfur diesel (ULSD).

### Viscosity Retention

Viscosity control is the most important lubricant property. It can be compromised by oxidation and soot contamination, which increase viscosity. Fleet Pro™ Plus 15W-40 is formulated to maintain its viscosity after 250 hours of severe operation in an EGR engine.

### Soot Control

The formation of soot in an engine is part of the normal combustion process; controlling its impact on oil thickening and engine wear is the role of a modern engine oil. Fleet Pro™ Plus 15W-40 protects engine components from the damaging effects of soot, reducing sludge, deposits and corrosion of metal surfaces.

### Specifications Fleet Pro™ Plus 15W-40 meets the performance requirements for:

- ACEA E-5/E-7
- API CI-4 PLUS/CI-4/CH-4/CG-4/CF-4/CF/SL
- Caterpillar ECF-1A
- Mack EO-N Premium Plus 03/EO-M Plus/EO-M/EO-L Plus/EO-L
- Volvo VDS-2/VDS-3
- Cummins CES 20078/76/71
- Navistar
- Detroit Diesel Power Guard 93K214/215

# Fleet Pro™ HD

Fleet Pro™ HD products include cost-effective formulations for both on- and off-road applications. Suitable for use in construction equipment and heavy duty fleet operations using older engines. Available in SAE 15W-40, 10W-30 and monogrades.

| Specifications                             | 15W-40 | 10W-30 | 10W/20W/30/40/50 |
|--------------------------------------------|--------|--------|------------------|
| API CI-4 PLUS/SL/CI-4/CH-4/CG-4/CF-4/CF/CE | ✓      | ✓      |                  |
| API CF                                     |        |        | 10W/20W          |
| API CF-2/CF/SL/SJ                          |        |        | 30/40/50         |
| Mack EO-M/EO-L Plus/EO-L                   | ✓      |        |                  |
| Mack EO-M Plus/EO-M/EO-L Plus/EO-L         |        | ✓      |                  |
| Volvo VDS-2/VDS-3                          | ✓      | ✓      |                  |
| Caterpillar ECF-1A                         | ✓      |        |                  |
| Caterpillar 1P/1N/1K                       |        | ✓      |                  |
| Detroit Diesel Power Guard 93K214/215      | ✓      |        |                  |
| Cummins CES 20078/77/76/71                 | ✓      |        |                  |
| Cummins CES 20076/71                       |        | ✓      |                  |



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