



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 www.PETRO-FLORIDA.com

PRODUCT SPECIFICATIONS & TECHNICAL DATA

PETROFLO 20W- 50 HEAVY DUTY DIESEL ENGINE OIL

PETROFLO 20W-50 HEAVY DUTY DIESEL ENGINE OIL, is a premium quality, high performance, fleet engine oil designed for use in on-highway diesel trucks, off-highway diesel equipment, heavy-duty applications and operating environments in the trucking, construction and agricultural industries as well in passenger cars and light trucks with diesel engines. Its formulated with advanced additive technology to provide outstanding wear protection and bearing corrosion protection.

High detergency/dispersancy and a high alkaline reserve (TBN) provide extra protection in extended drain or severe service intervals.

Applications

- On-highway light and heavy-duty diesel trucks equipped with cooled-EGR, ACERT or other technologies to meet earlier exhaust emission standards
- Naturally aspirated and turbo-charged diesel powered equipment from leading Japanese, European, and American manufacturers
- Older diesel equipment with conventional, non-EGR engines
- Mixed fleets with diesel-fueled vehicles
- Off-highway industries including: trucking, construction, earth moving, mining equipment, quarrying and agriculture Farm equipment with diesel engines
- Diesel-powered equipment from leading diesel engine manufacturers

PETROFLO 20W-50 HEAVY DUTY DIESEL ENGINE OIL, meets or exceeds the requirements of: API CI-4, CH-4, CG-4, CF-4, CF.

Features/Benefits

- Outstanding soot control for protection against abrasive wear and soot-induced oil thickening
- Excellent resistance to viscosity and thermal breakdown at high temperatures
- Extended TBN quality reserve for long term wear and deposit control
- Protects against sludge and varnish formation
- Excellent wear protection. High shear stability
- Excellent rust and bearing corrosion protection
- Good low-temperature pump ability
- Enhanced protection for two and four cycle diesel engines in the most demanding on and off-highway service
- Prolonged engine life
- Improved low temperature sludge control in stop and- go service
- Reduced oil consumption due to improved high temperature performance



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 www.PETRO-FLORIDA.com

Typical Properties **PETROFLO 20W-50 HEAVY DUTY DIESEL ENGINE OIL**

Specific Gravity @ 60°F	0.88
Density, lbs/gal @ 60°F	7.34
Color, ASTM D1500	L 3.5
Flash Point (COC), °C (°F) ASTM D 92	227 (440)
Pour Point, °C (°F) ASTM D 97	-33 (-27)
Viscosity, Kinematic	
cSt @ 40°C ASTM D 445	170
cSt @ 100°C ASTM D 445	18.7
Viscosity Index ASTM D 2270	130
Cold Cranking Viscosity, cP @ -15°C ASTM D 5293	6,300
High-Temp/High-Shear Viscosity, cP @ 150°C ASTM D 4683	4.7
Sulfated Ash, ASTM D874, wt %	0.9
Total Base Number (TBN), ASTM D2896	10.0
Zinc, wt % ASTM D4951	0.15
Phosphorus ASTM D4951	0.13

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.