

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### PETROFLO SILVERGUARD / LOCOMOTIVE ENGINE OIL 40W

**PETROFLO SILVERGUARD / LOCOMOTIVE ENGINE OIL** is a premium quality, high ash railroad diesel engine oil that is formulated with super quality base stocks, **PETROFLO SILVERGUARD / LOCOMOTIVE ENGINE OIL** will meet the severe service demands of today's railroad diesel locomotive engines where modified piston rings and cylinder liners have significantly reduced oil consumption which has placed extra demands on oil. **PETROFLO SILVERGUARD / LOCOMOTIVE ENGINE OIL** have excellent alkalinity retention.

#### **BENEFITS:**

- Noted combination of dispersant additives and inhibitors
- Minimal levels of oil oxidation and thickening in severe service
- Excellent cleanliness throughout the engine
- Zinc content: FREE.
- Silver wrist pin bushing protection
- Corrosive wear control for longer equipment life
- Sustained high alkalinity
- Extra protection in the presence of such metals such as copper, bronze, steel, and silver
- Lower locomotive engine maintenance costs

#### **APPLICATIONS:**

- Electro-Motive Division (EMD) requirements of General Motors
- MI-12009I (American Locomotive Company)
- General Electric (G.E.),
- diesel engine requirements as defined by API CD
- LMOA Generation III, IV, and V requirements

#### **TYPICAL ANALYSIS**

SAE Grade	40
Viscosity @ 40°C cST	190
Viscosity @ 100°C cST	15.8
Viscosity @ 100 F. SUS	1008.4
Viscosity @ 210 F. SUS	83
Viscosity Index	95
TBN (ASTM D-2896)	13
Sulfated Ash, % Wt.	1.4
Gravity, API	24.6
Specific Gravity @ 60 F.	0.9065
Pounds per gallon	7.549

The above analyses are typical inspections only and the finished product may vary from batch to batch.