



Better engine oils
Power to protect. Power to perform.



TOP SUPREME DUTY FEV 5W/30

PRODUCT CODE:

TOP SUPREME DUTY FEV 5W/30 A premium fully synthetic Low SAPS (Sulfated Ash, Phosphorous & Sulfur) diesel engine oil for fuel economy. It is specially formulated to meet Green House Gases emission standards. It is formulated with state-of-the-art additive technology and severely hydro-cracked base stocks to provide excellent performance in terms of protection against oil oxidation, viscosity loss due to shear, oil aeration and enhanced fuel economy benefits besides providing the overall protection of advanced after treatment devices with a potential to offer extended drain intervals.

BENEFITS:

- This low HTHS oil with its specially selected technology and formulation it has potential to provide fuel economy benefits as compared to conventional SAE 10W-30 oils.
- Outstanding thermal and oxidative stability reduces low-temperature sludge build-up, high-temperature deposits and oil thickening
- Excellent soot handling capability minimises soot related viscosity increase and leads to longer engine/oil life Superior shear stability maintains viscosity in severe service conditions and leads to improved wear protection.
- Exceptional TBN retention resists harmful effects of corrosive exhaust gases and extends oil life Low ash formulation reduces deposit built up and helps in protecting After Treatment systems.

Exceeds the following performance requirements:

- API FA-4,
- MERCEDES 228.61,
- DTFR 15C130,
- VOLVO VDS 13 Litre (STEP D ENGINES), VDS 5
- MACK EOS -5
- RENAULT RLD- 5
- CUMMINS CES 20087
- DETROIT DIESEL 93K223



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TYPICAL TEST ANALYSIS:

| Test Parameters | ASTM Method | Typical Values |
|-------------------------|-------------|----------------|
| Viscosity @ 100 °C, cSt | D 445 | 9.8 |
| Viscosity Index | D 2270 | 153 |
| Flash Point, °C | D 92 | 9.9 |
| Pour Point, °C | D 97 | 155 |
| Density @ 15°C, Kg/l | D 1298 | 0.851 |
| Phosphorus, %wt | D 4927 | 0.074 |
| Sulphated Ash, %wt | D 874 | 0.9 |

