ENGINE OILS

HITEC® 12010 Economic Diesel Engine Oil Additive



Designed to Cover API SG/SF/CF-4/CF/CD/CC Performance





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Application

HiTEC® 12010 additive is a cost-effective additive package for the manufacture of economic diesel and passenger car engine oils. HiTEC® 12010 additive is specifically designed for emerging markets to cover from API SG/CF-4 down to API SB/CB performance at a competitive treat rate.

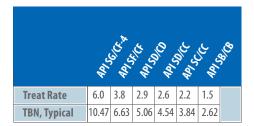
Key Performance Benefits

- Minimum 6 TBN treat rate for API CF quality
- 10 TBN typical CF-4

Recommended Dosage

An API SG/CF-4 core program has been modelled at 6.0 wt% (Exxon Mobil group I & group II basestocks)
An API SF/CF core program has been modelled at 3.8 wt% (Exxon Mobil group I basestocks)
Allison C3 and CAT TO-2 technical judgement at 6.0 wt% (Exxon Mobil group I basestocks)

HiTEC® 12010 additive covers the following economic heavy duty diesel profile:



Typical Characteristics

Appearance	Dark brown liquid
Density @ 15°C, g/ml	1.044
Viscosity @ 100°C, mm²/s	64
Flash Point, °C (PMCC)	135 min.
Calcium, % wt.	6.26
Zinc, % wt.	1.53
Phosphorus, % wt.	1.38
Total Base Number, mg KOH/g	175

Handling Information

Max Handling Temp: 70°C Shelf Life: 24 months

