ENGINE OILS

HITEC® 12360 HDEO Additive Package



Made For Asia Pacific Top Tier Heavy Duty Engine Oil Additive





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Application

HiTEC® 12360 additive is a Made for Asia Pacific product, uniting top tier performance from Europe, the Americas and Japan all in one pack. HiTEC® 12360 covers ACEA E6, API CK-4, JASO DH-2 and key OEM's in a SAE 5W-30, 10W-40 and 15W-40 formulation at a low treat rate of 16.1%.

- Less planned time off the road
 HiTEC® 12360's top tier specifications allow for lengthening ODIs.
 E.g. use of MB 228.51 oil versus MB 228.31 oil across a fleet of 100
 trucks, driving 129k km* per year average can save 120 days down
 time in oil changes over a 3-year period**.
- Assists in emission reductions
 HiTEC® 12360 contains 1% ash content so it is compatible with after
 treatment devices fitted to today's modern trucks to meet emission
 targets and legislation.
- Reduction in everyday running costs
 OEMs are looking to lubricants to help contribute to overall fuel efficiency and as such require lower viscosity oils. HiTEC® 12360 covers 5W-30 and 10W-40, as well as traditional 15W-40 viscosity grades.
- Key North American and European Industry & OEM specifications coverage
 HiTEC® 12360 unites top tier performance from Europe and North
 America in one pack with API CK-4, API FA-4, ACEA E6-16 and ACEA
 E8-22 coverage. It also has Volvo approval and is targeting MAN
 approval, which are important to some key Chinese OEMs due to
 their technology partnerships.

Recommended Dosage

HiTEC® 12360 has a highly competitive treat rate at 16.1%, uses HiTEC® 5748 25SSI viscosity modifier and is Made In Asia to deliver lead time and working capital benefits.

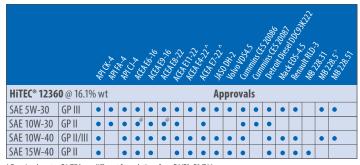
Typical Characteristics

Density at 15°C, g/ml:	0.951
Flash point, °C (PMCC):	150
Kinematic Viscosity at 100°C, mm ² /s:	133
Total Base Number, mg KOH/g	61

Handling Information

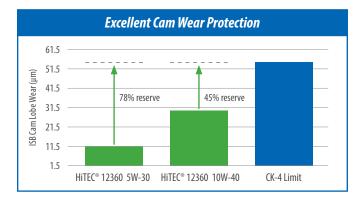
Max Handling Temp: 70°C

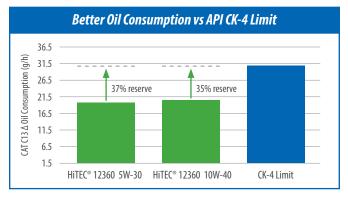
Shelf Life: 24 months at ambient temperature

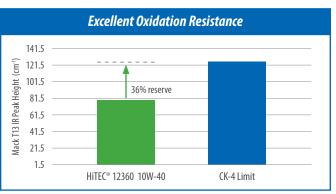


Requires booster. E4/E7 have different formulations from E6/E9, E8/E11.

 ¹⁰W-30 E6/E8 requires full Group III
 MB 228.5 requires booster HiTEC
 611









^{*}Source: Kline

^{**}Based on average drain interval of 100k km for MB 228.31 and 150k km for MB 228.51