ENGINE OILS

HITEC® 12350 HDEO Additive Package



Made For China Top Tier Heavy Duty Engine Oil Additive





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Application

HiTEC® 12350 is a product designed for a diverse AP market including China which requires various Industry specifications (ACEA E8-22, API CK-4, API FA-4 and the latest China D1).

The approvals for this product include CES 20100, CES 20086, CES20087, DTFR15C110 (MB 228.51), Volvo VDS 4.5, MAN 3775, MTU 3.1 and Deutz IV-18LA.

- Lower Viscosity HDEOs to contribute to fuel economy
 Chinese OEMs must comply with new legislation to deliver 15% fuel economy in their latest vehicle designs. Lower viscosity oils reduce internal friction and pumping losses to help contribute to fuel economy. HiTEC® 12350 covers 5W-30, 10W-30, 10W-40 and 15W-40 viscosity grades.
- Protection for after-treatment systems
 To comply with China VI emissions legislation Chinese OEMs are installing onboard after-treatment systems, such as diesel particulate filters (DPFs), in their latest hardware designs.
 HiTEC® 12350 has <1% ash content so it is compatible with these after treatment systems.</p>
- Maintenance Savings via Long Oil Drain Intervals (ODIs)
 To help their customers reduce total cost of ownership and save
 on maintenance, Chinese OEMs want durable engine oils that can
 deliver ultra-long ODIs out to 100,000KM-150,000KM ODI.
 HiTEC® 12350 has been developed with these drain intervals in mind.
- Key North American and European Industry & OEM specifications coverage
 HiTEC® 12350 unites top tier performance from Europe and North
 America in one pack with API CK-4, API FA-4, ACEA E6-16 and
 ACEA E8-24 coverage. It also has Volvo approval. These approvals are vital to some key Chinese OEMs' technology partnerships.

HiTEC® 12350 is Made In Asia, in Afton's Singapore manufacturing facility, to deliver lead time and working capital benefits.

HiTEC® 12350 is extremely cost effective due to its low treat rate @ 16.1% wt. for its top tier API CK-4, API FA-4, ACEA E6-16 and ACEA E8-24 coverage, use of HiTEC® 5748 25SSI OCP and excellent base oil system.

Recommended Dosage

The dosage of HiTEC® 12350 HDEO additive package has one of the lowest treat rates of any top tier package currently available that meets API CK-4, API FA-4, ACEA E6-16 and ACEA E8-24 at just 16.1% t.r.

Typical Characteristics

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

Handling Information

Maximum Handling Temperature: 70°C Shelf Life: 24 months at ambient temperature

HiTEC® 12350 @ 16.1% wt Approvals																			
5W-30	GRP III	•	•	•	•	•	•	•		•	•	•			•	•			
5W-30	GRP II/III	•		•	•	•	•	•			•								
10W-30	GRP II	•	•	•	•	•	•	•	•	•	•					•			
10W-30	GRP III	•				•	•	•	•		•								
10W-40	GRP II/III	•		•	•	•	•	•	•		•	•		•	•	•	•	•	
15W-40	GRP II	•		•	•		•	•	•		•		•		•				







