

ENGINE OILS

HiTEC[®] 9387/88 Series

Passenger Car Engine Oil Additive Package



Full SAPS Additive Technology, Economic Mainstream
PCMO Solutions

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Key Performance Benefits

The HiTEC® 9387/88 series is a group of cost-effective and field-proven engine oil performance additives.

Using a simple system of boosters, or available as standalone packages, the series covers a range of performance profiles suitable for the older passenger car market. It is a cost-effective solution well positioned not only in Europe but also in other geographies such as Asia, Africa and Latin America, where ACEA sequences are becoming more relevant.

HiTEC® 9387/88 series products exceed the specification requirements of piston cleanliness, wear protection and sludge control. Three key performance parameters that result in increased durability, the most important benefit when offering a solution tailored for the older vehicle car park.

Going Beyond Specifications: Proven in a Taxi Field Trial

Using 15 vehicles (VW and Mercedes) travelling 45,000km on roads in Germany, HiTEC® 9388X demonstrated its detergency, wear protection and sludge control in the field. The vehicles were fuelled with "B5" and even more challenging "B20" biodiesel (containing 5% and 20% RME* respectively).

*RME: rapeseed methyl ester

Bearings (left) and Oil Slump (right) After Field



These vehicles were fitted with VW TDI and Daimler OM 646LA engines, as used in the ACEA sequences. HiTEC® 9388X goes beyond the specification and delivers reliable performance in demanding real-world conditions.

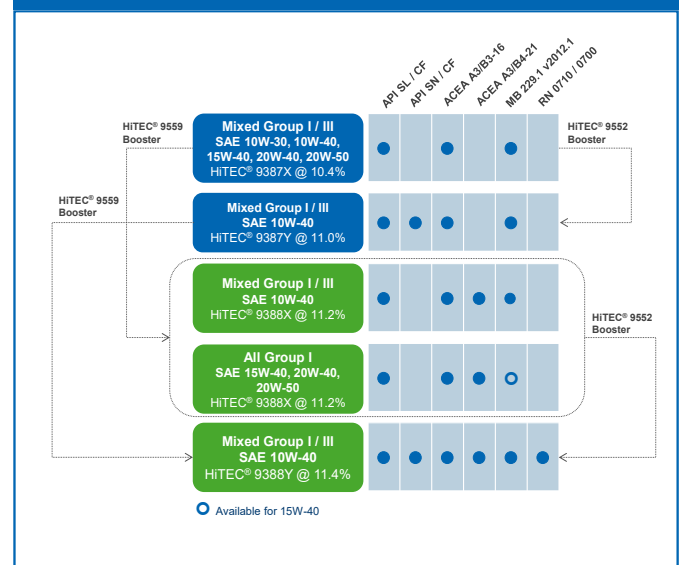
Recommended Dosage

- HiTEC® 9387X - 10.4% [ACEA A3/B3-16, API SL, MB 229.1]
- HiTEC® 9388X - 11.2% [ACEA A3/B4-21, API SL, MB 229.1]
- HiTEC® 9387Y - 11.0% [ACEA A3/B3-16, API SN, MB 229.1]
- HiTEC® 9388Y - 11.4% [ACEA A3/B4-21, API SN, MB 229.1, RN 0710/0700]

Typical Characteristics

	HiTEC® 9388X	HiTEC® 9387X	HiTEC® 9552	HiTEC® 9559
Appearance	Dark brown Viscous Liquid	Dark brown Viscous Liquid	Dark brown Viscous Liquid	Dark brown Viscous Liquid
Flash Point, °C (PMCC)	130 (min)	130 (min)	135 (min)	135 (min)
TBN, mg KOH/g	90	79	-	170
Viscosity, 100°C, cSt	96	95	25 (target)	26.5 (target)
Density at 15.0°C, g/ml	0.975	0.966	0.998 (target)	1.004 (target)

Flexible Solutions for Mainstream Applications



Storage

- Store inside warehouse, ideally between 10°C and 30°C
- Store out of direct sunlight
- Avoid water collecting on barrel top