

# ENGINE OILS

## HiTEC<sup>®</sup> 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\*]

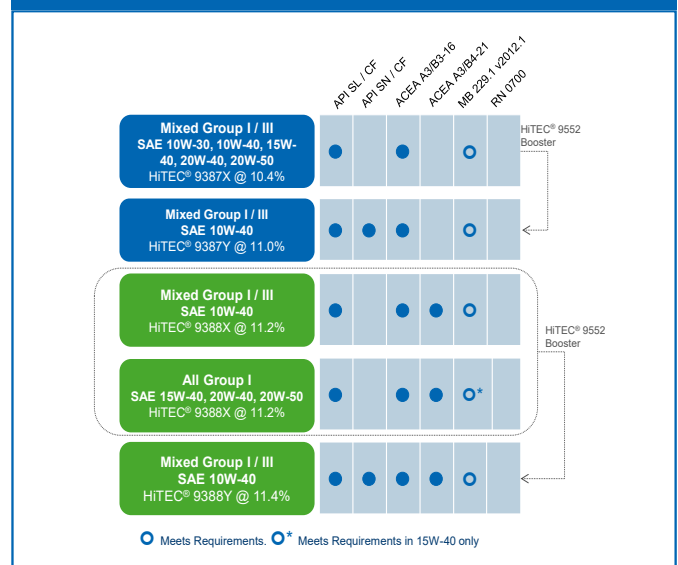
HiTEC® 9388Y - 11.4% [ACEA A3/B4-21, API SN, MB 229.1\*]

\*Meets requirements of

### Typical Characteristics

	HiTEC® 9388X	HiTEC® 9387X	HiTEC® 9552
Appearance	Dark brown Viscous Liquid	Dark brown Viscous Liquid	Dark brown Viscous Liquid
Flash Point, °C (PMCC)	130 (min)	130 (min)	135 (min)
TBN, mg KOH/g	90	79	-
Viscosity, 100°C, cSt	96	95	22 (target)
Density at 15.0°C, g/ml	0.975	0.966	0.998 (target)

### Flexible Solutions for Mainstream Applications



### Storage

Store inside warehouse, ideally between 10°C and 40°C

Store out of direct sunlight

Avoid water collecting on barrel top

Shelf life (@ 10°C - 40°C): 24 months