

ENGINE OILS

HiTEC[®] 9387/88 Series

Passenger Car Engine Oil Additive Package



Full SAPS Additive Technology, meeting the requirements of ACEA 2016

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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.

Recently upgraded to ACEA 2016, both additives 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/B4-16, API SL, MB 229.1]

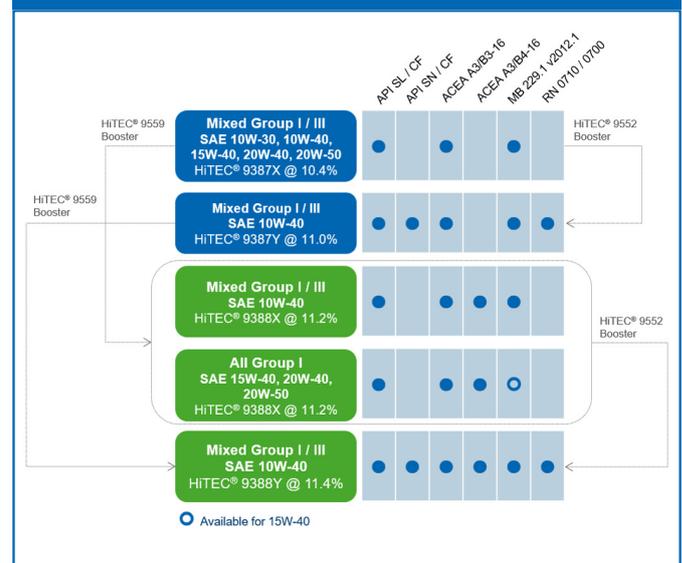
HiTEC® 9387Y - 11.0% [ACEA A3/B3-16, API SN, MB 229.1, RN 0710/0700]

HiTEC® 9388Y - 11.4% [ACEA A3/B4-16, API SN, MB 229.1, RN 0710/0700]

Typical Characteristics

	HiTEC® 9388X	HiTEC® 9387X	HiTEC® 9552	HiTEC® 9559
Appearance	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