# **Product Information**

NIPPON OIL
Your Choice of Energy

EU00031

# **ENEOS Premium Hyper 5W40**

### **Fully-Synthetic Long-Life Motor Oil**

**ENEOS Premium Hyper 5W-40** is the ultra modern fully-synthetic motor oil for gasoline & diesel engines in passenger cars & light commercial vehicles equipped with or without catalytic converter, soot filters, turbo charged and direct injection systems. This oil guarantees rapid and stable lubrication, high thermal stability under heavy-duty conditions in a broad temperature range. This low SAPS Oil covers all European passenger car engines and ensures extended drain, cleaner combustion, enhanced fuel economy, low Oil consumption and low emission levels. Of course this oil can also be used in pre-Euro -4 engines.

#### SPECIAL FEATURES

## 1.Fully-Synthetic Motor oil with Deposit control Formulation

Low "SAPS" new generation Oil offering extremely high protection over prolonged drain intervals. It is developed for passenger cars and light commercial vehicles of the VAG group (Volkswagen, Audi, Seat and Skoda). It has also been composed to make the product suitable for VW diesel engines with direct injection pump discharge nozzle technology (PDi/Tdi with red D and red i) and for engines for which VW 505.01 motor oils are prescribed.

Also used for Euro-IV cars of Mercedes Benz and BMW with soot filters to prevent filter blocking. Reinforces the action of Diesel Particulate Filter and prolongs its lifespan, by avoiding its early blinding

#### 2. Longer Drain Intervals

Ensures exceptional engine durability and allows the extra long Oil drain intervals, thanks to its exceptional oxidation resistance.

#### 3. Superior Wear Resistance and Cleanliness

Maintain strong oil film at high temperatures, speed and load. Its anti-wear protection is particularly effective in drive trains of overhead cam systems. This oil also has superb thermal & oxidation stability, so it maintains excellent engine cleanliness by suppressing sludge formation, which can cause engine seizures & pump clogging

#### PERFORMANCE LEVEL

• API: SM/CF

• ACEA: A3/B4 (07), C3 (08)

• VOLKSWAGEN: VW 505.01 (05)

• VOLKSWAGEN: VW 505.00/502.00/505.01

• MERCEDES-BENZ: MB 229.1 /229.3 / 229.31

• BMW LL-01 and LL-04

• Porsche

• Ford M2C-917A

• Renault RN0710

#### • APPLICABLE VEHICLES

Petrol, LPG and light diesel engines with or without turbo/catalytic converter as well as for direct injection engines.

#### CONTAINERS

1L, 4L, 200L Drum, 1000L IBC

#### Typical Properties

SAE viscosity grade	5W-40
Density (20°C), g/cm <sup>3</sup>	0.85
Flash point °C	226
Kinematic viscosity (40°C), mm <sup>2</sup> /s	86.6
$(100^{\circ}\text{C}),  \text{mm}^2/\text{s}$	14.3
$(-30^{\circ}\text{C}),  \text{mm}^2/\text{s}$	<6,600
Viscosity index	172
Pour point, °C	-40.0
Sulphated Ash gew.%	< 0.8

Note: The typical properties may be changed without notice. (November 2006)

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