

## HI-SYN 5W30 SN

**Hi-Syn 5W30** is a full synthetic, API SN, ACEA C3, LOW SAPS, super high performance engine oil which combines the latest development in oil formulation and additive technology to provide a lubricating oil with the highest level of protection.

**Hi-Syn 5W30** reduces oil consumption and exhaust emissions whilst delivering fuel economical benefits through effective friction reduction and load improvement agents.

It is specifically designed for use in high performance turbo and non turbo petrol and light duty diesel engines where advanced after-treatment systems such as Diesel Particulate Filters (DPF's) and Three Way Catalysts (TWC) are present and will increase their life.

Most of today's petrol engines are fitted with three way catalytic converters which reduce emissions of CO, NOx and unburned carbon. These comprise a Reduction Catalyst, which converts NOx to harmless Nitrogen, and an Oxidation Catalyst which burns the CO and hydrocarbons. Catalytic converters, however, are susceptible to SAPS, Sulfated Ash, Phosphorous and Sulfur, present in detergent and antiwear additives and in base oils.

**Hi-Syn 5W30** meets GM Dexos 2 specification for engines with an after treatment device and can be used in the most advanced European, American and Japanese model cars including those with DOHC and GDi engines, plus where oils meeting ACEA C3 are specified, which calls for stable stay-in-grade oils.

### Benefits

- Formulated for stop – start driving conditions
- Smooth operation for all high performance engines
- Exceeds requirements for petrol and LPG engines
- Protects engines under severe operating conditions

**Hi-Syn 5W30** is designed to meet all these stringent new specifications and meets or exceeds the following demanding performance requirements:

API – SN/SM/CF  
ACEA - A3/A5/B4/B5/C2/C3  
GM Dexos 2  
Ford WSS-M2C913-C  
Ford WSS-M2C948-A & B  
MB 229.51  
VW 502.00, 505.00, 505.01  
BMW LL-04  
PSA Peugeot Citroen B712290

### TYPICAL CHARACTERISTICS

Properties	Unit	Value
Appearance		Fluro
Density, kg/lit @ 15 °C		0.864
Viscosity @ 40°C	cSt	64.9
Viscosity @ 100°C	cSt	10.9
Viscosity Index		160
Flash Point ° C		>210
Pour Point ° C		-38
Cold Cranking, cP @ -30 °C	cP	5600
TBN	Mg KOH/g	7.4
Sulphated Ash content	%	0.80
Phosphorous Content	% wt	0.08
Sulphur Content	% wt	0.24

### Package Sizes

**1000 litre**  
**205 litre**  
**20 litre**  
**5 litre**