



# TECHNICAL DATA

## GB TURBO PD 5W-40

### APPLICATIONS

GB TURBO PD 5W-40 is a fully synthetic passenger car oil formulated using the highest quality synthetic base oils and enhanced additive systems for use in both petrol and diesel engines incorporating three way catalyst (TWC) and diesel particulate filters (DPF). It has been specifically engineered for where a low SAPS product is required (sulphated ash, phosphorous and sulphur) and has been developed to maximise the life of the exhaust after-treatment systems.

### PERFORMANCE FEATURES

GB TURBO PD 5W-40 has been developed for use in high performance passenger cars fitted with exhaust after-treatment systems and offers the following features:

- Mid SAPS technology, ensuring protection of the exhaust after-treatment system
- Improved engine wear protection
- Rust and corrosion protection
- Excellent piston deposit control
- Excellent oxidation stability
- Improved fuel economy
- Exceptional shear stability
- Suitability for Volkswagen TDI pump-jerk engines

### PERFORMANCE DETAILS

GB TURBO PD 5W-40 may be used where the following specifications are required:

ACEA A3/B4, C3	FORD M2C-917-A	RENAULT RN0700/0710
API SM/CF	MERCEDES BENZ p229.31	VW 505 01
BMW LL-04	PORSCHE	VW 502/505

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Q 06093  
ISO 9001



EMS 72776  
ISO 14001



OHS 88475  
OHSAS 18001

**CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
<b>SAE</b>			<b>5W-40</b>
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m <sup>3</sup>	IP 160	849
Kinematic Viscosity @ 100°C	cSt	IP 71	14.0
Kinematic Viscosity @ 40°C	cSt	IP 71	82.5
Viscosity Index	-	IP 226	175
HTHS Viscosity	cP	ASTM D 4683	3.7
CCS @ -30°C	cP	ASTM D 5293	6140
MRV TP-1 @ -35°C	cP	ASTM D 4684	37400
Noack	%	ASTM D 5800	8.3
Flash Point	°C	IP 34	208
Pour Point	°C	IP 15	-39

**STORAGE AND HANDLING**

GB TURBO PD 5W-40 should be stored under cover to avoid water collecting in the rim of upturned barrels.

**HEALTH, SAFETY AND THE ENVIRONMENT**

Further information on GB TURBO PD 5W-40 can be obtained by referring to the corresponding Material Safety Data Sheet.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, [www.environment-agency.gov.uk](http://www.environment-agency.gov.uk), as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations and specifications, without prior notice.