



TECHNICAL DATA SHEET

5W-30 GM D1 FS

Fully synthetic engine oil

Product code: U245

Product Description:

5W-30 GM D1 FS is a new generation, fully synthetic passenger car engine oil formulated with premium base stocks and specialised performance additives. Many downsized, turbocharged, petrol direct injection engines are entering the market which are placing specific demands on the engine lubricant. Amongst these are Low Speed Pre-Ignition (LSPI) issues and chain wear and 5W-30 GM D1 FS is specifically formulated to reduce both of these problems.

Benefits:

- Low Speed Pre-Ignition reduction
- Enhances fuel economy
- Excellent anti-wear protection
- Exceptional piston cleanliness
- Protection against sludge

Applications:

5W-30 GM D1 FS is recommended for use in many Vauxhall models with turbocharged, petrol direct injection engines to counter LSPI issues. In addition, Optima DX1 5W-30 can be used where any of the following specifications and a SAE 5W-30 viscosity grade are required.

Product Specification:

API	SP, SP-RC, SN Plus
GM	dexos1™ Gen 2
GM	4718M, 6094M
FIAT	9.55535-CR1
CHRYSLER	MS-6395
FORD	WSS-M2C946-A
HONDA	HTO-06
ILSAC	GF-6A



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Typical Test Data:

Specific Gravity @ 15.6°C	0.847
Kinematic Viscosity @ 100°C (cSt)	11.2
Kinematic Viscosity @ 40°C (cSt)	65.1
Viscosity Index	166
Flash Point COC (°C)	225
Pour Point (°C)	-42
TBN (mg KOH / g)	8.3