



Gulf UltrasyntH GDI Pro

High Performance Fully Synthetic Passenger Car Motor Oil

Product Description

Gulf UltrasyntH GDI Pro is an advanced high performance Fully Synthetic Passenger Car Motor Oil for the latest generation, high output Turbocharged Gasoline Direct Injection (TGDI) engines and Direct Injection (DI) diesel engines in passenger cars, sport utility vehicles, vans, and light duty trucks. Apart from providing unmatched levels of protection against wear, deposits & sludge build-up, it especially provides protection against Low Speed Pre-Ignition (LSPI) and timing chain wear issues generally observed in latest Turbocharged Gasoline Direct Injection (TGDI) engines. This Oil meets highest API Quality API SP and also ACEA A3/B4.

Features & Benefits

- Protects latest TGDI engines against Low Speed Pre-Ignition (LSPI) and Timing chain wear issues
- Superior antiwear technology provides exceptional wear protection under all conditions
- Active cleaning agents ensure maximum engine cleanliness
- Exceptional thermo-oxidative stability minimises deposits & sludge build-up and controls oil thickening, thereby facilitating extended oil life
- Excellent low temperature fluidity ensures easy cold start and protects against wear at start-up
- Superior volatility characteristics reduce oil consumption and hydro-carbon pollution

Applications

- Recommended for modern TGDI engines where LSPI and timing chain wear protection is required
- Suitable for all latest, high performance gasoline and diesel engines in cars, SUVs, light vans & trucks, particularly those using recent technologies (multi-valve, turbo compressors and high cylinder capacity) and DI diesel engines
- Especially suited to city stop-and-go, heavy load and/or high-speed applications where conventional oils do not suffice the requirements and such quality oils are recommended

Note: Not suitable for engines requiring Low/Mid SAPS type oils (ACEA C Category). For such requirements, please contact Gulf representative.

Specifications, Approvals & Typical Properties

Meets the following Specifications		0W-40	5W-30	5W-40
ACEA A3/B4		X	X	X
MB 229.3/229.5, RN0700/0710			X	X
VW 502 00/505 00				X
Has the following Approvals				
API SP, API SN Plus		X	X	X
Test Parameters	ASTM Method	Typical Values		
Viscosity @ 100 °C, cSt	D 445	13.3	12.1	13.7
Viscosity Index	D 2270	187	170	172
Flash Point, °C	D 92	232	232	234
Pour Point, °C	D 97	-45	-42	-42
TBN, mg KOH/g	D 2896	12.2	12.5	12.3
Density @ 15°C, Kg/l	D 1298	0.846	0.854	0.854
CCS, cP (at °C)	D 5293	6096 (-35)	5734 (-30)	5914 (-30)
MRV, cP (at °C)	D 4684	54900 (-40)	24000 (-35)	22400 (-35)
HTHS, cP (at 150°C)	D 4683	3.6	3.5	3.7

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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