



# Gulf Ultrasynt GDI Pro C

## Fully Synthetic Catalyst Compatible Passenger Car Motor Oil

### Product Description

**Gulf Ultrasynt GDI Pro C** 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 light duty applications. Apart from providing superior protection against wear, deposits & sludge build-up, it provides protection against Low Speed Pre-Ignition (LSPI) and timing chain wear issues generally observed in latest Turbocharged Gasoline Direct Injection (TGDI) engines. Its modern additive chemistry meeting Mid SAPS (Sulphated Ash, Phosphorus & Sulfur) requirements also protects exhaust after treatment devices and catalysts against lubricant related deposits. It meets highest API Service category of API SP and ACEA specifications for catalyst compatible light duty engine oils- ACEA C Categories. SAE 0W-20 and SAE 5W-30 grades offers fuel economy benefits.

### Features & Benefits

- Protects latest TGDI engines against Low Speed Pre-Ignition (LSPI) and Timing chain wear
- Latest Mid SAPS technology minimises Three Way Catalyst (TWC) poisoning/ prolongs life of after treatment devices/ reduces deposit build-up in Diesel Particulate Filter (DPF)
- Superior antiwear technology provides exceptional wear protection under all conditions
- Outstanding thermo-oxidative stability decelerates oil degradation 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 latest, high performance gasoline/ diesel engines in cars, SUVs, light vans & trucks, particularly those using recent technologies viz. multi-valve, turbo compressors, direct injection and requiring API SP/ API SN Plus/ API SN or ACEA C category oils
- 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: SAE 0W-20 oil may be unsuitable for some engines requiring higher viscosity grade oils (Please consult owner's manual/ handbook)

### Specifications, Approvals & Typical Properties

Meets the following Specifications		0W-20	0W-40	5W-30	5W-40
API SP		X	X	X	X
ACEA C5		X			
ACEA C2,MB 229.51/ 229.52				X	
ACEA C3			X	X	X
MB 229.31				X	X
Typical Properties					
Test Parameters	ASTM Method	Typical Values			
Viscosity @ 100 °C, cSt	D 445	8.0	13.7	11.5	13.7
Viscosity Index	D 2270	177	191	172	178
Flash Point, °C	D 92	238	231	244	246
Pour Point, °C	D 97	-51	-45	-48	-48
TBN, mg KOH/g	D 2896	6.4	8.3	6.4	6.4
Density @ 15°C, Kg/l	D 1298	0.8460	0.8443	0.8522	0.8518
Sulphated Ash, %wt	D 874	0.70	0.75	0.70	0.69
Sulfur, %wt	D 129/ ICP	0.20	0.19	0.20	0.20
Phosphorus, %wt	D 4047/ ICP	0.074	0.075	0.074	0.074
HTHS, cP (at 150°C)	D 4683/ 4741/5481	2.70	3.58	3.51	3.89

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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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