



Gulf Ultrasynt GDI

Fully Synthetic Passenger Car Motor Oil

Product Description

Gulf Ultrasynt GDI series is most advanced passenger car motor oil specially developed for the most modern high output gasoline and turbocharged gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks. These are formulated with specially chosen additive and synthetic base stocks to provide protection to modern turbocharged direct injection gasoline engines from detrimental effects of possible low speed pre-ignition phenomenon, timing chain wear, protection of vehicle emission system & turbocharger components. Further, SAE 0W-20, 0W-30, 5W-20, 5W-30 and 10W-30 viscosity grades help in improving & retaining fuel economy and provides excellent protection against wear, deposits & sludge build-up and help protect engines even while operating on ethanol-containing fuels up to E85. These oils meet the highest API quality API SP and Resource conserving for SAE Grades SAE 0W-20, 0W-30, 5W-20, 5W-30 and 10W-30 and API SP for SAE Grades 5W-40, 10W-40.

Features & Benefits

- Latest additive technology coupled with synthetic base fluids makes these oils robust and provides improved sludge protection, piston cleanliness, turbo-charger protection, seal compatibility and wear protection
- Compatible with ethanol-containing fuels up to E85. Also helps in emission system durability
- Provides excellent lubrication at low temperatures and protect engine at high temperatures
- The special friction modifiers used in the Resource Conserving oils improve & retain fuel economy.
- Superior volatility characteristics reduce oil consumption and hydro-carbon pollution.
- These grades are compatible with conventional passenger car motor oils.
- Formulated to provide Low Speed Pre-Ignition (LSPI) and timing chain wear protection in modern turbocharged direct injection gasoline engines.

Applications

- North American, European & Japanese high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks where API SP, SN PLUS, API SN, API SM, API SL quality oils are specified (all grades).
- Passenger cars and Light Duty Vehicles running on gasoline and ethanol-containing fuels up to E85
- Suitable for modern turbocharged direct injection gasoline engines where low speed pre-ignition and timing chain wear protection is required.

Specifications, Approvals & Typical Properties

Has the Following Approvals		0W-20	0W-30	5W-20	5W-30	5W-40	10W-30	10W-40
API SP (Resource Conserving), API SN PLUS		X	X	X	X		X	
API SP, API SN PLUS						X		X
Typical Properties								
Test Parameters	ASTM Method	Typical Values						
Viscosity @ 100 °C, cSt	D 445	8.5	10.0	8.4	10.2	13.0	10.8	13.5
Viscosity Index	D 2270	166	183	161	163	174	151	154
Flash Point, °C	D 92	230	232	231	233	235	236	238
Pour Point, °C	D 97	-48	-48	-48	-45	-42	-42	- 42
TBN, mg KOH/g	D 2896	7.3	7.5	7.1	7.1	7.1	7.1	7.1
Density @ 15°C, Kg/l	D 1298	0.847	0.846	0.853	0.853	0.854	0.854	0.855
CCS, cP (at °C)	D 5293	5711 (-35)	5590 (-35)	5762 (-30)	5892 (-30)	6060 (-30)	4697 (-25)	5411 (-25)
MRV, cP (at °C)	D 4684	20100 (-40)	27710 (-40)	16900 (-35)	22300 (-35)	28400 (-35)	16700 (-30)	22600 (-30)
HTHS, cP	D 4683	2.62	3.00	2.70	3.10	3.70	4.1	3.8

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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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