



Gulf Ultrasynth GDI+

Fully Synthetic Passenger Car Motor Oil

Product Description

Gulf Ultrasynth GDI+ series are the most advanced fully synthetic passenger car motor oils developed for modern high output Turbocharged Gasoline Direct Injection (TGDI) engines in passenger cars, Sports Utility Vehicles (SUVs), vans, and light-duty trucks. It meets the highest API specifications - API SQ (Resource Conserving)/ API SQ/ ILSAC GF-7A/ILSAC GF-7B and addresses major field concerns observed with previous generation oils. These oils offer improved fuel economy and ultimate protection against wear & deposits as compared to API SP/ ILSAC GF-6A oils. It provides advanced protection against Low Speed Pre-Ignition (LSPI) throughout the oil life and also timing chain wear, issues generally observed in latest TGDI engines.

Features & Benefits

- Improved fuel economy over previous generation oils, especially SAE XW-16 & XW-20
- Excellent shield against engine deposits and wear
- Outstanding low temperature fluidity provides wear protection at engine start-up
- Advanced protection of TGDI engines against timing chain wear and LSPI throughout oil life
- Upgraded chemistry protects against Gasoline Particulate Filter (GPF) deposits & clogging
- Exceptional seal compatibility prevents oil leakage and external contaminants ingress

Applications

- High output Turbocharged Gasoline Direct Injection (TGDI) engines in passenger cars, Sports Utility Vehicles (SUVs), Multi-Purpose Vehicles (MPVs), vans, and light-duty trucks of North American, Japanese, Korean & Chinese OEMs
- Vehicles requiring API SQ/ILSAC GF-7A/ILSAC GF-7B, API SP/ILSAC GF-6A/ILSAC GF-6B or previous generation oils
- Passenger cars and light-duty vehicles operating on gasoline and ethanol mix fuels up to E85

Specifications, Approvals & Typical Properties

Has the Following Approvals		0W-16	0W-20	0W-30	5W-20	5W-30	5W-40	10W-30
API SQ (Resource Conserving), ILSAC GF-7A			X	X	X	X		X
API SQ (Resource Conserving), ILSAC GF-7B		X						
API SQ							X	
Typical Properties								
Test Parameters	ASTM Method	Typical Values						
Viscosity @ 100 °C, cSt	D 445	7.5	8.3	9.7	7.8	9.9	13.7	9.9
Viscosity Index	D 2270	176	168	173	147	162	169	149
Flash Point, °C	D 92	226	220	232	230	230	230	230
Pour Point, °C	D 97	-48	-42	-48	-36	-36	-36	-36
TBN, mg KOH/g	D 2896	7.2	7.2	6.9	7.2	7.2	7.2	7.2
Density @ 15°C, Kg/l	D 1298	0.8437	0.8469	0.8480	0.8517	0.8512	0.8526	0.8567
Sulphated Ash, %wt	D 874	0.70	0.72	6.9	0.72	0.72	0.72	0.72
HTHS, cP	D 4683	2.4	2.60	3.0	2.60	3.08	3.80	3.00
CCS, cP (at °C)	D 5293	4694 (-35)	5950 (-35)	5774 (-35)	4633 (-30)	4831 (-30)	5949 (-30)	4239 (-25)
MRV, cP (at °C)	D 4684	27200 (-40)	34400 (-40)	22000 (-40)	13100 (-35)	14600 (-35)	23500 (-35)	12400 (-30)

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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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