



# Gulf Ultrasynt h X

## Synthetic Energy Conserving Motor Oil

### Product Description

**Gulf Ultrasynt h X** series is advanced passenger car motor oil specially developed for the high output gasoline and turbocharged gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks. These oils provide excellent protection against wear, deposits & sludge build-up and help protect engines even while operating on ethanol-containing fuels up to E85. All the viscosity grades meet the API SN quality and SAE 0W-20, 0W-30, 5W-20, 5W-30 and SAE 10W-30 also meet API SN with "Resource Conserving" designation. These grades are formulated to help improve & retain fuel economy and protect vehicle emission system & turbocharger components.

### Features & Benefits

- State of the art additive technology coupled with premium base fluids makes these oils very robust in terms of improving sludge protection, piston cleanliness, turbo-charger protection, seal compatibility, wear protection and compatible with ethanol-containing fuels up to E85.
- Offer 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.
- Advanced additive chemistry helps in emission system durability.
- These grades are compatible with conventional passenger car motor oils.

### Applications

- North American, European & Japanese high output gasoline engines in passenger cars, SUVs, vans, and light-duty trucks where API SN, API SM, API SL quality oils specified (all grades).
- Passenger cars and Light Duty Vehicles running on gasoline and ethanol-containing fuels up to E85.

### Specifications, Approvals & Typical Properties

Meets the following Specifications	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40	
API SN							X			
<b>Has the Following Approvals</b>										
API SN	X	X	X	X	X	X		X	X	
API SN (Resource Conserving)	X	X		X	X			X		
<b>Typical Properties</b>										
Test Parameters	ASTM Method	Typical Values								
Viscosity @ 100 °C, cSt	D 445	8.9	10.4	15.1	8.6	10.3	15.3	20.6	10.2	15.3
Viscosity Index	D 2270	174	178	185	165	160	172	181	151	159
Flash Point, °C	D 92	220	222	201	230	232	210	210	242	201
Pour Point, °C	D 97	-36	-48	-48	-36	-36	-42	-43	-33	-39
TBN, mg KOH/g	D 2896	7.1	7.9	7.9	7.0	7.0	8.2	7.9	7.1	7.9
Density @ 15°C, Kg/l	D 1298	0.851	0.851	0.849	0.850	0.852	0.855	0.853	0.854	0.853
CCS, cP (o C)	D 5293	5890 (-35°C)	5800 (-35°C)	5608 (-35°C)	3790 (-30°C)	5320 (-30°C)	6050 (-30°C)	6116 (-30°C)	3850 (-25°C)	5570 (-25°C)
MRV, cP (o C)	D 4684	33500 (-40°C)	30000 (-40°C)	31054 (-40°C)	12100 (-35°C)	21800 (-35°C)	45000 (-35°C)	41001 (-35°C)	12900 (-30°C)	25978 (-30°C)
HTHS@ 150 °C, cP	D 4683	2.68	3.0	-	2.62	3.00	-	-	2.98	4.0

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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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