Gulf Formula Advanced

Fully Synthetic Passenger Car Motor Oil

Product Description

Gulf Formula Advanced series is the latest generation 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 performance requirements of GM gasoline specification dexos1™ Gen 3 (SAE 5W-30 only) and highest API SQ (Resource Conserving) & ILSAC GF-7A specifications. These oils offer improved fuel economy and ultimate protection against wear & deposits and address major field concerns as compared to API SP/ILSAC GF-6A oils. The low-HTHS SAE 0W-16 formulation meeting ILSAC GF-7B requirements further improves fuel economy as compared with ILSAC GF-7A oils. It provides advanced protection against Low-Speed Pre-Ignition (LSPI) throughout the oil life and helps prevent timing chain wear issues generally observed in the latest TGDI engines.

Features & Benefits

- Improved fuel economy over previous generation oils
- Advanced protection of TGDI engines against LSPI throughout the oil life and helps prevent timing chain wear
- Excellent shield against engine deposits and wear
- Upgraded chemistry protects against Gasoline Particulate Filter (GPF) deposits & clogging
- Exceptional seal compatibility prevents oil leakage and external contaminants ingress
- Outstanding low temperature fluidity provides wear protection at engine start-up
- Compatible with ethanol-containing fuels up to E85

Application

- Recommended for vehicles requiring GM dexos1™ Gen 3 type of oils (SAE 5W-30 only)
- 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 OEMs operating on gasoline and ethanol mix fuels up to E85
- Vehicles requiring API SQ, ILSAC GF-7A/ILSAC GF-7B, API SP, ILSAC GF-6A/ILSAC GF-6B or previous generation oils

Specifications, Approvals & Typical Properties

Meets the following Specifications/Suitable for Use		**0W-16**	**0W-20**	**5W-30**	**10W-30**
Ford WSS-M2C972-A1, Ford WSS-M2C962-A1			X		
Ford WSS-M2C971-A1, Ford WSS-M2C961-A1				X	
Has the following Approvals					
API SQ (Resource Conserving)		X	X	X	X
ILSAC GF-7A			X	X	X
ILSAC GF-7B		X			
GM dexos1™ Gen 3 (License Numbers: D330ACHG176 / D335ABHG176)				X	
Typical Properties					
Test Parameters	**ASTM Method**		**Typical Values**		
Viscosity @ 100 ºC, cSt	D 445	7.3	8.6	11.1	10.0
Viscosity Index	D 2270	160	165	171	150
Flash Point, ºC	D 92	200	205	237	210
Pour Point, ºC	D 97	-51	-45	-42	-42
TBN, mg KOH/g	D 2896	7.2	7.2	8.0	7.2
Density @ 15ºC, Kg/l	D 1298	0.8440	0.8450	0.8466	0.8520
Sulfated Ash, %wt	D 874	0.70	0.70	0.82	0.70
HTHS, cP	D 4683	2.40	2.70	3.3	3.00

Gulf Lubricants Inc., USA, November 2026

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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