

# ARGuard™ Full Synthetic Engine Oil

PROD. CODE  
7551, 7553

ARGuard™ Full Synthetic Engine Oils are made with full synthetic base stocks with exceptional volatility that address the enhanced performance demands of the latest Turbocharged Gasoline Direct Injection (TGDI) engine designs. These engines require lubricants to provide:

- Protection against abrasive soot particles, which can contribute to increased engine wear
- Outstanding cooling properties, which fight off deposits
- Excellent pre-ignition protection to deter engine damage

ARGuard™ Full Synthetic Engine Oils are specifically formulated to prevent low speed pre-ignition (LSPI) using advanced additive technology to address all of these new performance demands. These motor oils better protect today's engines with enhanced performance in the areas of wear, cleanliness, and fuel economy while providing excellent protection for extended drains and extreme service conditions.

## INDUSTRY & OEM SPECIFICATIONS

- API SP, SN Plus
- ILSAC GF-6A, Resource Conserving
- Meets the requirements for FORD:
  - WSS-M2C960-A1 (5W-20)
- Chrysler MS-6395S
- Toyota, Honda, Nissan, Hyundai

## APPLICATIONS

ARGuard™ Full Synthetic Engine Oils are recommended for use in Turbocharged Gasoline Direct Injection (TGDI), conventional gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions or anywhere where the manufacturer calls for API SP, SN Plus/ILSAC GF-6A rated oils

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request. No warranties expressed or implied, including patent warranties or warranties of merchantability or fitness for a particular purpose, are made by American Refining Group, Inc., with respect to products described or information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.



[amref.com](http://amref.com) | 814.368.1200



# ARGuard™ Full Synthetic Engine Oil

PROD. CODE  
7551, 7553

## FEATURES & BENEFITS

- Delivers optimum protection for TGD designs
- Delivers enhanced performance in the areas of wear, cleanliness and fuel economy
- Exceeds capabilities of market GF-6A oils, providing protection against the potential for low speed pre-ignition (LSPI) in TGD designs, fully meeting both the currently defined OEM requirements and the anticipated future industry performance targets.

METHOD	DESCRIPTION	TYPICAL	
		5W-20 (7551)	10W-30 (7553)
D445	VISCOSITY @ 100°C, cSt	8.34	10.59
D445	VISCOSITY @ 40°C, cSt	45.38	65.78
D2770	VISCOSITY INDEX	162	150
D4052	SPECIFIC GRAVITY @ 60°F	0.8425	0.8495
D5950	POUR POINT, °C	-45	-45
D1500	COLOR ASTM	L 3.0	L 3.0
D5293	CCS, cP	3,500 (-30°C)	3,700 (-25°C)
D92	FLASH POINT COC, °C	206	205
D2896	TBN	7.0	7.1
D5800	NOACK VOLATILITY, %	7.5	4.5

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request. No warranties expressed or implied, including patent warranties or warranties of merchantability or fitness for a particular purpose, are made by American Refining Group, Inc., with respect to products described or information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.



[amref.com](http://amref.com) | 814.368.1200

