





It's common knowledge the engines we see when we lift the hoods of today's vehicles are smaller than ones from years past. But don't let their size fool you. This highly efficient, compact hardware packs a tremendous punch, producing impressive power as well as a challenging operating environment, which includes extreme temperatures and pressure. **AMALIE Imperial Turbo Formula Motor Oil** is the lubrication solution formulated especially for providing protection in these brutal conditions, delivering essential rust, corrosion, and wear protection as well as critical prevention of LSPI (Low-Speed Prelgnition), a phenomenon associated with GDI and TGDI engines. To protect your investment, don't settle for anything less.

### Features:

- Formulated with modern detergent and Antiwear system
- Formulated with a detergent system that meets industry performance specification with quality mineral base oils
- Formulated with cost effective base stocks
- API SP/CF
- API SP/CF, ILSAC GF-6A(5W-20, 5W-30, 10W-30)

### **Benefits:**

- Protection from new engine issues like LSPI while maintaining wear protection for older vehicles
- Peace of mind and trusted cleanliness in your engine until your next oil change
- Provides trusted value for cost

#### FACTS 'n' FRICTION

As an example of decreasing size and increasing power, a 1983 Chevrolet Malibu had a **3.8-liter V-6** engine that generated **110 horsepower**. Built more than 20 years later, the 2005 model was equipped with a downsized **2.2-liter** inline four-cylinder generating **144 horsepower**.





# **IMPERIAL TURBO FORMULA RESOURCE CONSERVING**

VISCOSITY	PACK SIZE	PART #
5W-20 Semi-Synthetic	12-1 Quart	160-71046-56
	4-1 Gallon	160-71047-36
	6 Gallon	160-71040-21
	55 Gallon	160-71043-05
5W-30 Semi-Synthetic	12-1 Quart	160-71066-56
	4-1 Gallon	160-71067-36
	6 Gallon	160-71060-21
	55 Gallon	160-71063-05
10W-30	12-1 Quart	160-71076-56
	4-1 Gallon	160-71077-36
	6 Gallon	160-71070-21
	55 Gallon	160-71073-05

## IMPERIAL TURBO FORMULA

VISCOSITY	PACK SIZE	PART #
10W-40	12-1 Quart	160-71086-56
	4-1 Gallon	160-71087-36
	55 Gallon	160-71083-05
15W-40	12-1 Quart	160-71006-56
	4-1 Gallon	160-71007-36
	55 Gallon	160-71003-05
20W-50	12-1 Quart	160-71096-56
	4-1 Gallon	160-71097-36
	55 Gallon	160-71093-05



Always refer to your vehicles operating manual to select the correct grade of oil for your engine. The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.





API SP/ILSAC GF-6 is a significant category upgrade. AMALIE Motor Oils have been tried and tested against 7 new tests to ensure modern and next generation engines are protected so that they can perform to their full potential.

For the first time ever, the ILSAC category is split into two:



### **ILSAC GF-6A**

Replaces the ILSAC GF-5 specification and is represented by the starburst/certification trademark.

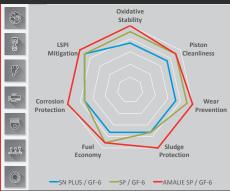


#### **ILSAC GF-6B**

Provides further fuel economy benefits compared to ILSAC GF-6A and is defined for OW-16 viscosity grade motor oils only.

# **7 NEW TESTS**

- Fuel Economy GF-6A/GF-6B
- LSPI
- Chain Wear
- Sludge/Varnish
- Oxidation/Deposits
- Wear
- Corrosion







Better than it has to be Since 1903

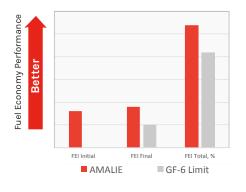


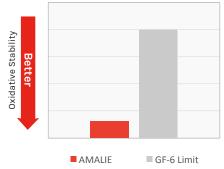
# AMALIE MOTOR OIL SP PRODUCT LINE

Built on the same proven and trusted approach to low speed pre-ignition (LSPI) protection AMALIE introduced in the 2017 API SN PLUS upgrade. In addition, API SP brings additional enhanced benefits in engine protection and ILSAC GF-6 enables better fuel economy performance.

Available in a full range of viscosity grades from mineral to synthetic, including GM dexos1™ Gen 2 and high mileage options.

### AMALIE MOTOR OILS - PROOF OF PERFORMANCE







AMALIE GF-6 Motor Oil Technology

Traditional GF-5 Motor Oil Technology

## **Greater Vehicle Efficiency**

AMALIE Motor Oils exceed the stringent requirements for fuel efficiency to ensure consumers continue to minimize consumption all the way to their next oil change.

## **Reduced Oil Thickening**

AMALIE Motor Oils resist thermal breakdown to protect the motor oil from thickening, allowing for oil to be pumped throughout the engine to ensure protection throughout the oil drain interval.

# **Enhanced Engine Cleanliness**

AMALIE Motor Oils maintain engine cleanliness to ensure critical engine and turbocharged GDI components operate as intended even in extreme operating conditions.







# **Improved Wear Control**

AMALIE Motor Oils mitigate catastrophic piston damage caused by LSPI and minimize engine wear to ensure efficient and reliable operation to help extend the useful life of the vehicle.

Please visit AMALIE.com or call 800-368-1264 for more information.