

# AMALIE®

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Since 1903

# HEAVY DUTY PROTECTION

## SAE 50

## MOTOR OIL

API: SQ, SP, SN/SN Plus

### BENEFITS:

- » Shear Stable
- » Improved LSPI Control
- » Added Chain Wear Protection
- » Promotes Engine Cleanliness
- » Compatible with Conventional and Synthetic Engine Oils



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MADE IN U.S.A.

For Gasoline and Diesel Engines

MADE IN U.S.A.



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# HEAVY DUTY

## PROTECTION

**AMALIE Heavy Duty 50** provides shear stability and excellent engine protection. It is designed for use in passenger cars where the use of API SQ, SP, SN Plus, SN, SM or SL engine oils are required. The **AMALIE Heavy Duty 50** is formulated to provide piston cleanliness, LSPI control, chain wear protection, and oil thickening control for engines that require a straight weight oil.

Always consult your vehicle's owner's manual when selecting the appropriate viscosity and service grade.

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Viscosity Grade.....	SAE 50
Kinematic Viscosity @100°C, cSt.....	18
Kinematic Viscosity @40°C, cSt.....	196.2
Viscosity Index.....	100
TBN, mg/KOH/g .....	7.5
Flash Point, °C (°F).....	265 (509)
Pour Point, °C (°F).....	-30 (-22)
Density, S.G.....	0.89
Sulfated Ash, wt% .....	0.67

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

Please consult AMALIE Technical Services or your local representative for a full listing of applications.

Technical Services: • (800) 368-1264 • [techservices@amalie.com](mailto:techservices@amalie.com)

### HEAVY DUTY PROTECTION

VISCOSITY	PACK SIZE	PART #
50	12-1 Quart	160-61056-56
	4-1 Gallon	160-61057-36
	5 Gallon	160-61054-25
	55 Gallon	160-61053-05

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.

### Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at [AMALIE.com](http://AMALIE.com).

### APPLICATIONS

AMALIE HEAVY DUTY 50 is for use in passenger cars where API SQ, SP, SN/SN Plus, SM / CF, or previous category engine oils are recommended. It may also be used for gear or hydraulic applications where the OEM has recommended the use of a straight weight detergent oil.