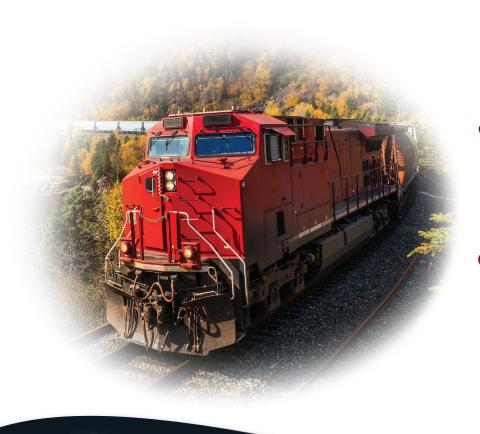


Better than it has to be[®] Since 1903

RAILROAD DIESEL SAE 40

9 TBN ENGINE OIL





MADE INU.S.A.





AMALIE Railroad Diesel Engine Oil SAE 40 - 9 TBN represents the latest advancement in zinc free and chlorine free¹ railroad diesel engine oil technology. This engine oil provides superior liner scuffing protection, reduced train wear, and reduced piston deposits. Improved thermal and oxidation stability minimizes oil degradation and reduces sludge formation.

AMALIE Railroad Diesel Engine Oil SAE 40 - 9 TBN offers advanced detergency and dispersant technology. The exceptional Total Base Number retention and oil consumption reduction characteristics of the oil are directly linked to its superior oxidation control, viscosity retention, shear stability, acid production control and wear protection.

AMALIE Railroad Diesel Engine Oil SAE 40 - 9 TBN offers the highest levels of oil performance and quality to insure superior engine productivity, maximum power utilization and reduced life-cycle maintenance costs. It meets the performance requirements of General Electric and EMD (Electro- Motive Division). It also meets the requirements of Tier 3, LMOA Generation 6, API CD, CF and CF-2 as well as Caterpillar 3600 for mixed fleet operation.

1. Contains less than 50 ppm chlorine.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

SAE Grade	40
TBN, mgKOH/g	9
Kinematic Viscosity @100°C, cSt	
Kinematic Viscosity @40°C, cSt	140
Viscosity Index	102
Sulfated Ash (%M)	<1
Flash Point, °C	250
Pour Point, °C	18
Zinc (ppm)	<10
Chlorine (ppm)	<50
Foam Sequence I (Tendency/Stability)	0 / 0
Foam Sequence II (Tendency/Stability)	0 / 0
Tunical values are listed. Variations not affecting the performance of this fluid manuaccur during	

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.

Railroad Diesel - 9 TBN Please consult AMALIE Technical Services or your local representative for a full listing of applications. Technical Services: • (800) 368-1264 • techservices@amalie.com

VISCOSITY	PACK SIZE	PART #
40	55 Gallon Drum	160-62143-05

Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at AMALIE.com.

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.