

Super S EMD Railroad and Marine Engine Oils



TECHNICAL PRODUCT INFORMATION

Super S EMD Railroad and Marine Engine Oils

Super S EMD Railroad and Marine Engine Oils are high TBN heavy-duty engine oils formulated to meet the needs of railroad and marine engines operating in severe service

FEATURES/ BENEFITS

- **Super S EMD Railroad and Marine Engine Oils**
- Provides High TBN and TBN retention
- Formulated with extra dispersants and detergents for superior engine cleanliness.
- Multi grade formulation offers reduced oil consumption and increased fuel economy.
- Designed to lubricate both two and four stroke engines
- Zn free formulation for EMD and similar locomotive engines
- Long service life due to excellent viscosity stability and oxidation control
- Extra anti wear additives protect bearings and cylinder liners

APPLICATIONS

- Engines calling for API CD
- Satisfies requirements for medium speed, high output turbo-charged engines both two and four stroke
- Older EMD, GE and Caterpillar engines in
 - Marine service,
 - Locomotive service,
 - Stationary electrical generation plants
 - Offshore platforms

RECOMMENDATIONS/SPECIFICATIONS

Super S EMD Railroad and Marine Engine Oils meets requirements

API Service Categories , CF, CD

4 stroke engines including:

Caterpillar

EMD

GE

Caterpillar TO-2 (SAE 40)

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling that you would use with petroleum products

TYPICAL CHARACTERISTICS

Super S EMD Railroad and Marine Engine Oils			
<i>Property</i>	<i>Test Method ASTM -D</i>	<i>40</i>	<i>20W-40</i>
API Service Category		CD	CD
API Gravity	1298	23	26
Flash Point °C/ °F	92	216/420	216/420
Pour Point °C/ °F	97	-12/10	-12/10
Low Temp Viscosity cP @-15			4815
Viscosity cSt @ 40°C cSt @ 100°C	445	135 13.6	135 15.2
VI	2270	95	115
Color	1500	D8	D8
TBN	2896	17	17
Ash	874	<0.5	<0.5

PRODUCT NUMBERS

SAE 40
 SUS 185Bulk Bulk
 SAE EMD40
 SUS 18011 Bulk
 SAE 20W40
 SUS Bulk