



## MOMENTA RAILROAD ENGINE OIL (TBN-17)

### FULLY SYNTHETIC

#### PRODUCT DESCRIPTION:

Lubrex Momenta Railroad Engine Oil is a heavy duty, medium speed diesel engine crankcase oil. It is a high dispersant oil and will keep the by-products of combustion and oxidation finely divided and suspended. Lubrex Momenta Railroad Engine Oil helps maintain a clean right belt area, valve deck, crankcase, and piston under crowns.

#### APPLICATION:

Lubrex Momenta Railroad Engine Oil is specified for service with railroads and marine applications where a zinc-free engine oil is required. In BN 17 oil, Lubrex Railroad Engine Oil meets API CF.

Lubrex Railroad Engine Oil is suitable for medium speed two-cycle and four-cycle diesel engines, including:

- ALCO
- Electromotive Diesel
- Fairbanks Morse
- General Electric

#### FEATURES & BENEFITS:

- Helps maintain a clean ring belt area, valve deck, crankcase and piston undercrowns
- Has excellent retention for acid neutralization and wear control
- Sludge build-up due to soot and moisture contamination is minimized
- Its non-zinc formulation protects silver bearings and helps provide for minimum wear of rings, pistons, and liners
- Less than 10 ppm Chlorine

#### PERFORMANCE LEVELS: Meets and Exceeds:

- API Service Category CF (BN 17)
- Electromotive Division of General Motors
- General Electric Generation 4 Long Life Oils
- Locomotive Maintenance Officer Assoc. LMOA (Generation 5)

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	API: CF	
SAE Grade			40	20W-40
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	170.3	130
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	15.3	15.5
Viscosity Index	ASTM D-2270	-	90	124
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.9v02	0.890
Flash Point (min)	ASTM D-92	°C	250	238
Pour Point (max)	ASTM D-97	°C	-15	-24
TBN	ASTM D-2896	Mg KOH/g	17	17
CCS, (°C)	ASTM D-5293	m.Pa.S	N/A	9200 (-15)

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)



**HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

**PROTECT THE ENVIRONMENT**

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

**STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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