



A HOLLYFRONTIER BUSINESS

TECH DATA

RALUBE™ 40 CFS

LOCOMOTIVE ENGINE OIL

INTRODUCTION

RALUBE 40 CFS heavy duty engine oil is a premium quality crankcase oil, formulated for severe service in diesel locomotive engines, driving railroad locomotives, marine vessels and electric power generators. RALUBE 40 CFS provides excellent deposit control, thereby maximizing engine life. RALUBE 40 CFS engine oils are zinc and chlorine-free and utilize a specially selected additive system which provides excellent sludge-soot handling, oxidation resistance, wear protection and viscosity control. By minimizing engine deposits, RALUBE 40 CFS allows maximum oil drain intervals to be achieved without any compromise in engine durability.

FEATURES AND BENEFITS

Lower maintenance costs and longer engine life

- Resists formation of deposits
- Excellent corrosion control
- Exceptional Base Number (BN) retention
- Extends filter life

Chlorine free

- Improved used oil disposal / recycling options
- Excellent wear protection

Exceptional protection of silver bearings

- Zinc-free formulation

Outstanding oxidation and thermal stability

- Sludge-soot handling and viscosity control
- Extends intervals between oil changes
- Reduces filter plugging

APPLICATIONS

RALUBE 40 CFS engine oil is recommended for use in large medium-speed railroad diesel engines.

RALUBE 40 CFS is suitable for use in the following requirements:

- EMD powered units
- API CF, CF-2
- Caterpillar 3600 Series
- General Electric Generation 4 long life
- LMOA 5 at 13 BN
- Alco 251 V-16 diesel engine

Petro-Canada Lubricants starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



TYPICAL PERFORMANCE DATA

Property	ASTM TEST Method	RALUBE 40 CFS
Flash Point, °C/°F	D92	267 / 512
Kinematic Viscosity cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	D445	142 / 744 14.8 / 78.86
Viscosity Index	D2270	104
Pour Point, °C/°F	D5950	-27 / -17
Sulphated Ash, % wt	D874	1.5
Total Base No. (BN), mg KOH/g	D2896	14.0

The values quoted above are typical of normal production. They do not constitute a specification.

Learn more about us: lubricants.petro-canada.com
 Contact us: lubecsr@petrocanadalsp.com

Committed to the disciplined operation of our business.



Petro-Canada Lubricants Inc.
 2310 Lakeshore Road W. Mississauga, Ontario, Canada L5J 1K2
lubricants.petro-canada.com

™ Owned or used under license.
 IM-8041E (2018.04)