

# Progress Rail

*A Caterpillar Company*

July 30, 2018

Mr. Nick Vocht  
North Sea Lubricants B.V.  
Amperestraat 5  
Harderwijk 3846AN  
The Netherlands

Dear Mr. Nick Vocht:

We have completed our review of the Progress Rail laboratory inspections of the following engine lubricant. The results indicate that this formulation has physical properties within acceptable limits, is non-corrosive to silver metals, and exhibits excellent oxidation stability attributes. It, therefore, qualifies for Progress Rail's internal listing as worthy of full-scale field test in EMD 567, 645, and 710 engines, meeting EPA Tier 3 and previous emission standards, and this letter will serve as recognition of such status.

Oil Brand Name: RAIL ROAD POWER 413

Supplier Oil Number: 12824A

Total Base Number (ASTM D2896): 13

Viscosity Grade: 40W

Additive Package: M7233

VI Improver: N/A

Pour Point Depressant: N/A

Base Stock 1: XOM AP/E 600

Base Stock 2: XOM AP/E 2500

Base Stock 3: N/A

Sincerely,



Mathias G. Klomp

Engine Design Section

Engineering Department