



Date: 16-Mar-15

# Preliminary Report: CA15-00078.001

Rennsli Corp  
270 North Geneva Road  
Orem  
UNITED STATES  
84057

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the below results. Users of the data shown on this report should refer to the latest published revisions of ASTM D3244; IP 367 and ISO 4259 and when utilising the test data to determine conformance with any specification or process requirement. With respect to the UOP methods listed in the report below the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

CLIENT ORDER NUMBER :		SGS ORDER NO.:	3708760
CLIENT ID :	SGS#3708760	PRODUCT DESCRIPTION :	Diesel Oil - Diesel Oil
LOCATION :	Carson, CA	SOURCE ID :	Base Diesel
SAMPLE SOURCE :	As Supplied	SAMPLED BY :	Client
SAMPLE TYPE :	As Submitted	RECEIVED	10-Mar-15
SAMPLED :	10-Mar-15	COMPLETED :	--
ANALYSED :	16-Mar-15		

PROPERTY	METHOD	RESULT UNITS
Major Axis Diameter	ASTM D6079	450 µm
Minor Axis Diameter	ASTM D6079	370 µm
Wear Scar Description	ASTM D6079	Normal ---
Fuel Temperature	ASTM D6079	60.0 °C
Wear scar diameter	ASTM D6079	410 µm
Wear scar diameter at 60°C	ASTM D6079	410 µm
Cloud Point	ASTM D2500	-18 °C
Pressure Vessel used	ASTM D130	Pressure ---
Copper Strip corrosion (3h / 50°C {122°F})	ASTM D130	1A Rating
Cold Filter Plugging Point (CFPP)	ASTM D6371	To Follow °C
Cold Filter Plugging Point (CFPP)	ASTM D6371	To Follow °C

AUTHORISED SIGNATORY

Roberto Ibanez  
Lab Supervisor

160320150858000005102

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SGS North America Inc.

Oil, Gas & Chemicals Services 20535 Belshaw Avenue, Carson, CA, 90746, U.S.A. Tel: +1-(310)-885-3792 Fax: +1-(310)-885-5637



Date: 16-Mar-15

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# Certificate of Analysis: CA15-00078.002

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CLIENT ORDER NUMBER :	SGS#3708760	SGS ORDER NO.:	3708760
CLIENT ID :	Carson, CA	PRODUCT DESCRIPTION :	Diesel Oil - Diesel Oil
LOCATION :	As Supplied	SOURCE ID :	Diesel With D800
SAMPLE SOURCE :	As Submitted	SAMPLED BY :	Client
SAMPLE TYPE :	10-Mar-15	RECEIVED	10-Mar-15
SAMPLED :	16-Mar-15	COMPLETED :	16-Mar-15
ANALYSED :			

PROPERTY	METHOD	RESULT UNITS
Major Axis Diameter	ASTM D6079	360 µm
Minor Axis Diameter	ASTM D6079	250 µm
Wear Scar Description	ASTM D6079	Normal ---
Fuel Temperature	ASTM D6079	60.0 °C
Wear scar diameter	ASTM D6079	310 µm
Wear scar diameter at 60°C	ASTM D6079	310 µm
Pressure Vessel used	ASTM D130	Pressure ---
Copper Strip corrosion (3h / 50°C {122°F})	ASTM D130	1A Rating

This document is only valid in its entirety and your attention is drawn to the Terms and Conditions on Page 1 of this report

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Roberto Ibanez  
Lab Supervisor

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### Certificate of Analysis: CA15-00078.003

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CLIENT ORDER NUMBER :		SGS ORDER NO.:	3708760
CLIENT ID :	SGS#3708760	PRODUCT DESCRIPTION :	Diesel Oil - Diesel Oil
LOCATION :	Carson, CA	SOURCE ID :	Diesel With D900
SAMPLE SOURCE :	As Supplied	SAMPLED BY :	Client
SAMPLE TYPE :	As Submitted	RECEIVED	10-Mar-15
SAMPLED :	10-Mar-15	COMPLETED :	16-Mar-15
ANALYSED :	16-Mar-15		

PROPERTY	METHOD	RESULT UNITS
Major Axis Diameter	ASTM D6079	410 µm
Minor Axis Diameter	ASTM D6079	330 µm
Wear Scar Description	ASTM D6079	Normal ---
Fuel Temperature	ASTM D6079	60.0 °C
Wear scar diameter	ASTM D6079	370 µm
Wear scar diameter at 60°C	ASTM D6079	370 µm
Pressure Vessel used	ASTM D130	Pressure ---
Copper Strip corrosion (3h / 50°C {122°F})	ASTM D130	1A Rating

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Roberto Ibanez  
Lab Supervisor

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# Preliminary Report: CA15-00078.004

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CLIENT ORDER NUMBER :		SGS ORDER NO.:	3708760
CLIENT ID :	SGS#3708760	PRODUCT DESCRIPTION :	Diesel Oil - Diesel Oil
LOCATION :	Carson, CA	SOURCE ID :	Diesel With D950
SAMPLE SOURCE :	As Supplied	SAMPLED BY :	Client
SAMPLE TYPE :	As Submitted	RECEIVED	10-Mar-15
SAMPLED :	10-Mar-15	COMPLETED :	--
ANALYSED :	16-Mar-15		

PROPERTY	METHOD	RESULT UNITS
Major Axis Diameter	ASTM D6079	380 µm
Minor Axis Diameter	ASTM D6079	320 µm
Wear Scar Description	ASTM D6079	Normal ---
Fuel Temperature	ASTM D6079	60.0 °C
Wear scar diameter	ASTM D6079	350 µm
Wear scar diameter at 60°C	ASTM D6079	350 µm
Cloud Point	ASTM D2500	-18 °C
Pressure Vessel used	ASTM D130	Pressure ---
Copper Strip corrosion (3h / 50°C {122°F})	ASTM D130	1A Rating
Cold Filter Plugging Point (CFPP)	ASTM D6371	To Follow °C
Cold Filter Plugging Point (CFPP)	ASTM D6371	To Follow °C

**\*\* End of Analytical Results \*\***

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