

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 72367 RETURN LINE - Diesel Fuel

Sample No: LH0277732

Oil Type: No.2 DIESEL FUEL (ULTRALOW SULPHUR)



#### SAMPLE INFORMATION

Sample Number	LH0277732	LH0195536	---	---
Sample Date	20 Nov 2023	10 May 2021	---	---
Machine Hours	0	0	---	---
Sample Status	ATTENTION	SEVERE	---	---

#### LIEBHERR CANADA LTD.

1015 SUTTON DRIVE  
BURLINGTON, ON  
CA L7L 5Z8

Contact: Steve Lehto  
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T: (905)319-9222  
F: (905)319-6617



#### FUEL CONDITION

Initial Boiling Point	°C	161	153	---	---
10% Distill Point	°C	203	202	---	---
20% Distill Point	°C	219	217	---	---
30% Distill Point	°C	233	231	---	---
40% Distill Point	°C	246	244	---	---
50% Distill Point	°C	259	258	---	---
60% Distill Point	°C	272	272	---	---
70% Distill Point	°C	285	287	---	---
80% Distill Point	°C	299	305	---	---
90% Distill Point	°C	319	330	---	---
Final Boiling Point	°C	358	361	---	---
Cetane Index		---	48	---	---
API Gravity		---	37	---	---
Sulfur	ppm	10	6	---	---
Visc @ 40°C	cSt	2.4	2.5	---	---
Fuel Color	text	Yllow	Yllow	---	---

#### Diagnosis

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you filter this fluid before use. We recommend you service the filters on this component. Resample at the next service interval to monitor. {not applicable} There is a light amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type B).



#### CONTAMINATION

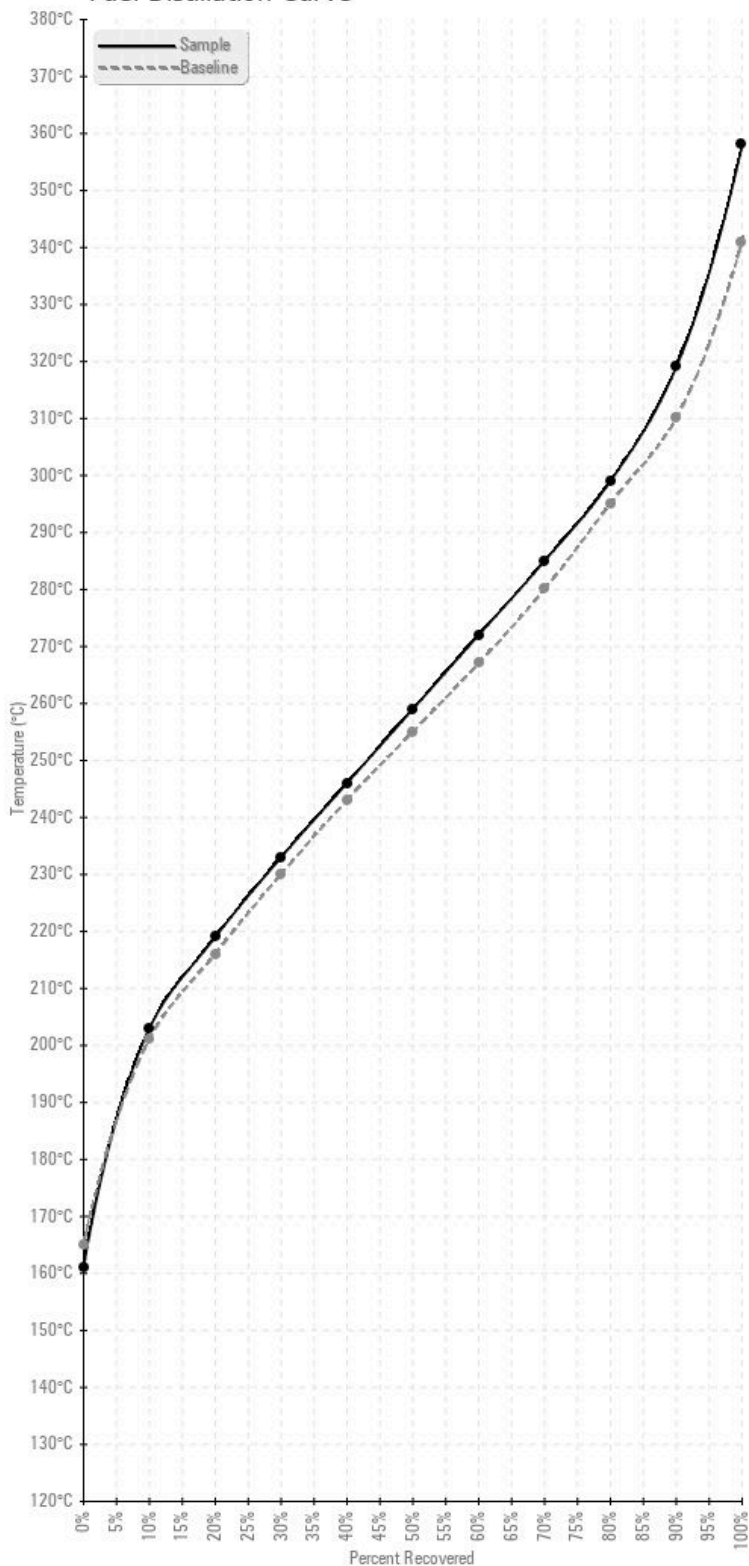
Water	%	0.001	0.003	---	---
Lead	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---
Silicon	ppm	0	0	---	---

Depot: LIEMIS  
Unique No: 5683127  
Signed: Kevin Marson  
Report Date: 30 Nov 2023

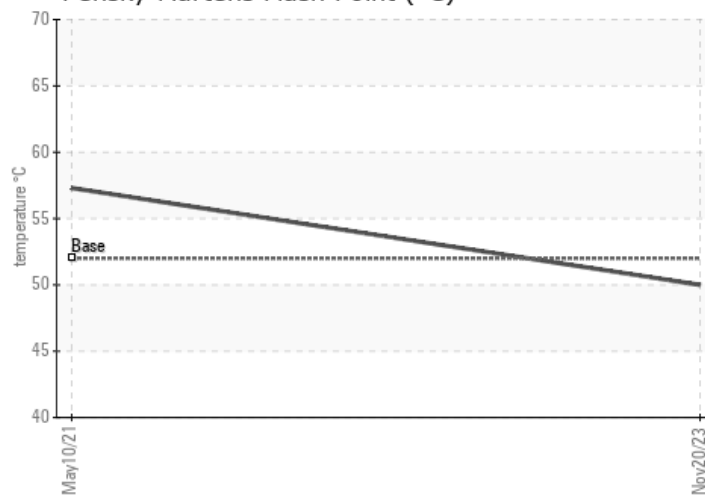


### GRAPHS

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

