

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [ENERGY CRANE] 086178 - Diesel Fuel

Sample No: LH0218024

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



#### Sample Information

Sample Number	LH0218024	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	1306	---	---	---
Sample Status	ABNORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 10374 267 ST.  
 ACHESON, AB  
 CA T7X 6A2  
 Contact: Dustin Fluet  
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#### Fuel Condition

Initial Boiling Point	°C	173	---	---	---
10% Distill Point	°C	207	---	---	---
20% Distill Point	°C	220	---	---	---
30% Distill Point	°C	230	---	---	---
40% Distill Point	°C	240	---	---	---
50% Distill Point	°C	249	---	---	---
60% Distill Point	°C	260	---	---	---
70% Distill Point	°C	270	---	---	---
80% Distill Point	°C	282	---	---	---
90% Distill Point	°C	300	---	---	---
Final Boiling Point	°C	334	---	---	---
Cetane Index		43	---	---	---
API Gravity		35	---	---	---
Sulfur	ppm	7	---	---	---
Visc @ 40°C	cSt	2.3	---	---	---
Fuel Color	text	Yllow	---	---	---

#### Diagnosis

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We advise that you filter this fluid before use. We recommend an early resample to monitor this condition. {not applicable} There is a moderate amount of particulates (2 to 100 microns in size) present in the fuel. The water content is negligible. The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels. 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

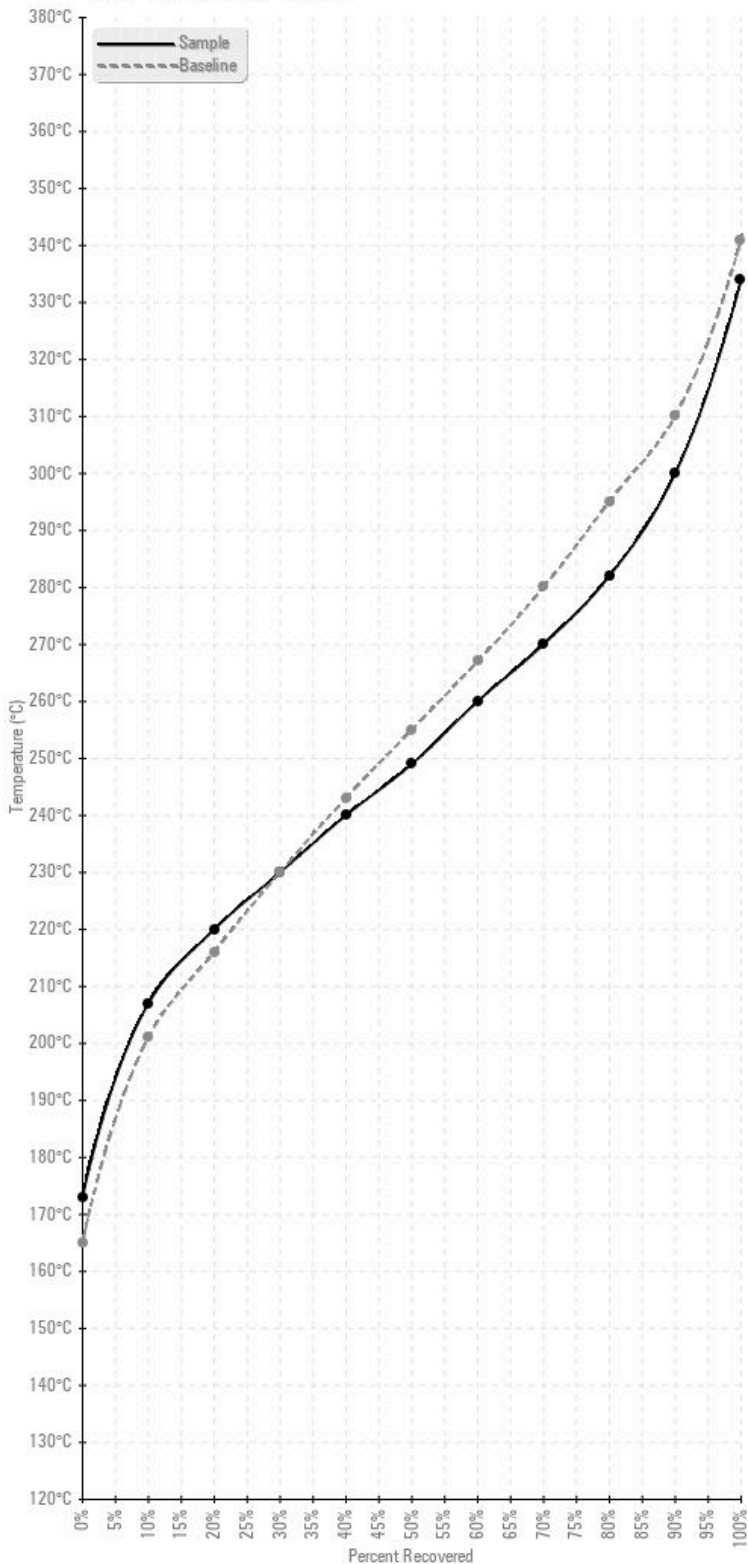
Water	%	0.002	---	---	---
Lead	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---
Silicon	ppm	0	---	---	---

Depot: LIESPR  
 Unique No: 5762942  
 Signed: Kevin Marson  
 Report Date: 22 Apr 2024

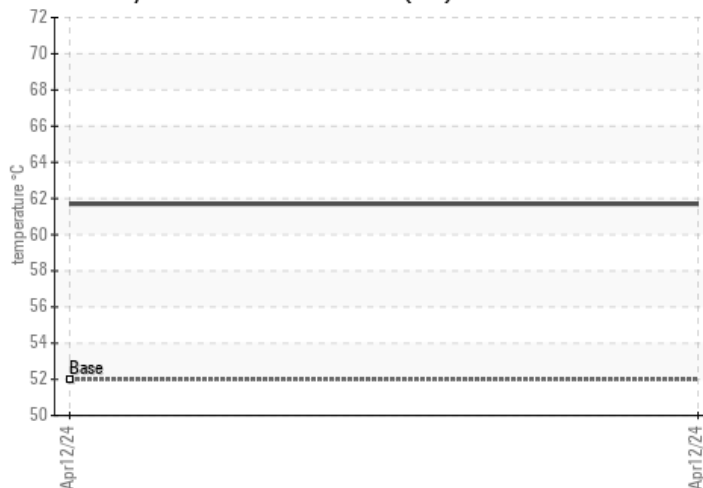


### Graphs

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

