

LIEBHERR

CONSTRUCTION EQUIPMENT



[(357697)] LIEBHERR PR766 016664-1421 - After Filters Dies

Sample No: LH0238099

Oil Type: No.1 DIESEL FUEL (ULTRALOW SULPHUR)



Sample Information

Sample Number	LH0238099	---	---	---
Sample Date	07 Apr 2023	---	---	---
Machine Hours	5906	---	---	---
Sample Status	ATTENTION	---	---	---

HEAVY IRON INC
 370145 79 STREET EAST
 ALDERSYDE, AB
 CA T0L 0A0
 Contact: Service Manager



Fuel Condition

Initial Boiling Point	°C	168	---	---	---
10% Distill Point	°C	179	---	---	---
20% Distill Point	°C	186	---	---	---
30% Distill Point	°C	191	---	---	---
40% Distill Point	°C	198	---	---	---
50% Distill Point	°C	205	---	---	---
60% Distill Point	°C	212	---	---	---
70% Distill Point	°C	219	---	---	---
80% Distill Point	°C	229	---	---	---
90% Distill Point	°C	245	---	---	---
Final Boiling Point	°C	285	---	---	---
Cetane Index		39	---	---	---
API Gravity		40	---	---	---
Sulfur	ppm	9	---	---	---
Visc @ 40°C	cSt	1.5	---	---	---
Fuel Color	text	Pink	---	---	---

T:
F:

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.1 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type A).



Contamination

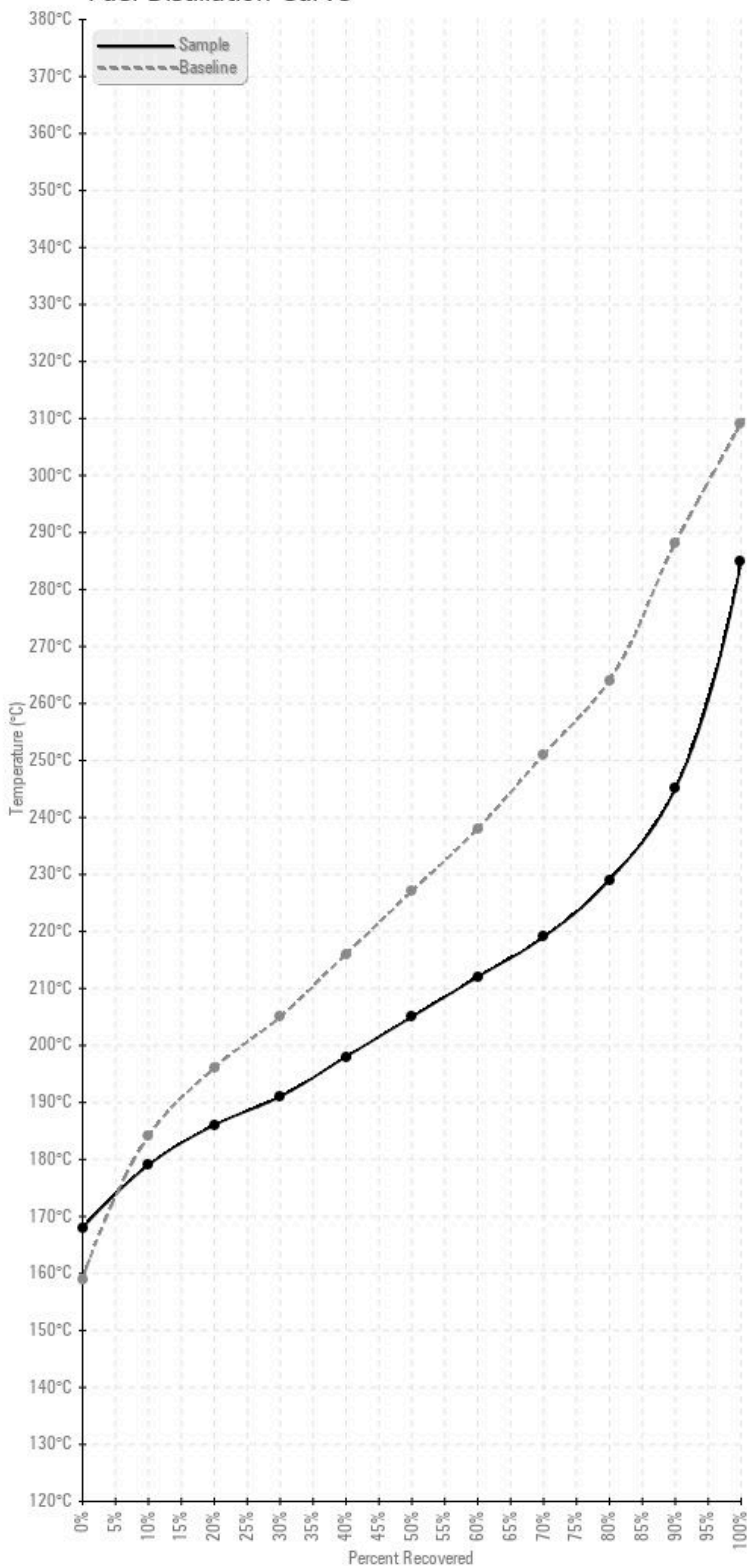
Water	%	0.003	---	---	---
Lead	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---
Silicon	ppm	0	---	---	---

Depot: HEAALD
Unique No: 5564564
Signed: Kevin Marson
Report Date: 21 Apr 2023

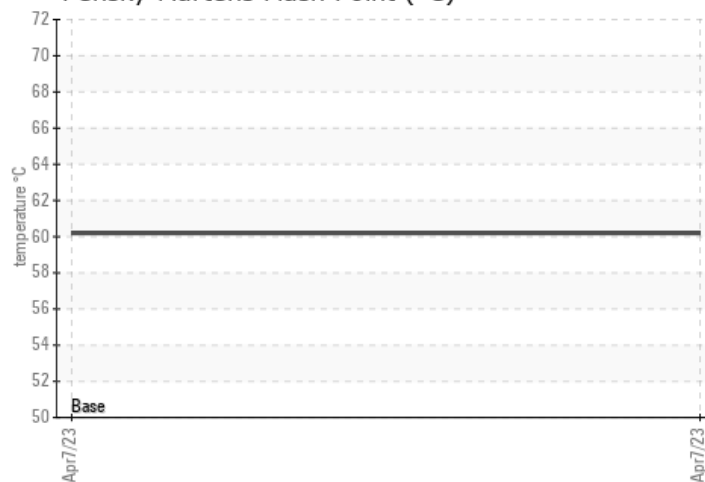


Graphs

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

