LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR R966 048797 - Diesel Fuel

Sample No: LH0194275

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

Liebherr Canada
140 - 21320 Gordon Way
Richmond, BC
CA V6W 1J8
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T:
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Information sur l'échantillon

Numéro d'échant.		**LH0194275**	---	---	---
Date d'échant.		**11 May 2023**	---	---	---
Heures de la Machine		**0**	---	---	---
Statut de l'echant.		**ABNORMAL**	---	---	---

État du carburant

Point d'ébullition initial	°C	**154**	---	---	---
Point de distillation de 10%	°C	**182**	---	---	---
Point de distillation de 20%	°C	**198**	---	---	---
Point de distillation de 30%	°C	**213**	---	---	---
Point de distillation de 40%	°C	**227**	---	---	---
Point de distillation de 50%	°C	**242**	---	---	---
Point de distillation de 60%	°C	**257**	---	---	---
Point de distillation de 70%	°C	**272**	---	---	---
Point de distillation de 80%	°C	**290**	---	---	---
Point de distillation de 90%	°C	**313**	---	---	---
Point d'ébullition final	°C	**355**	---	---	---
Indice de cétane		**49**	---	---	---
Densité API		**40**	---	---	---
Soufre	ppm	**6**	---	---	---
Visc 40°C	cSt	**2.1**	---	---	---
Couleur du carburant	text	**Red**	---	---	---

Contamination

Eau	%	**0.004**	---	---	---
Plomb	ppm	**0**	---	---	---
Nickel	ppm	**0**	---	---	---
Aluminium	ppm	**0**	---	---	---
Vanadium	ppm	**0**	---	---	---
Silicium	ppm	**0**	---	---	---

Diagnostic

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. We recommend an early resample to monitor this condition.{not applicable} There is a moderate 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). The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: LIERIC
Unique No: 5578372
Signed: Kevin Marson
Report Date: 16 May 2023

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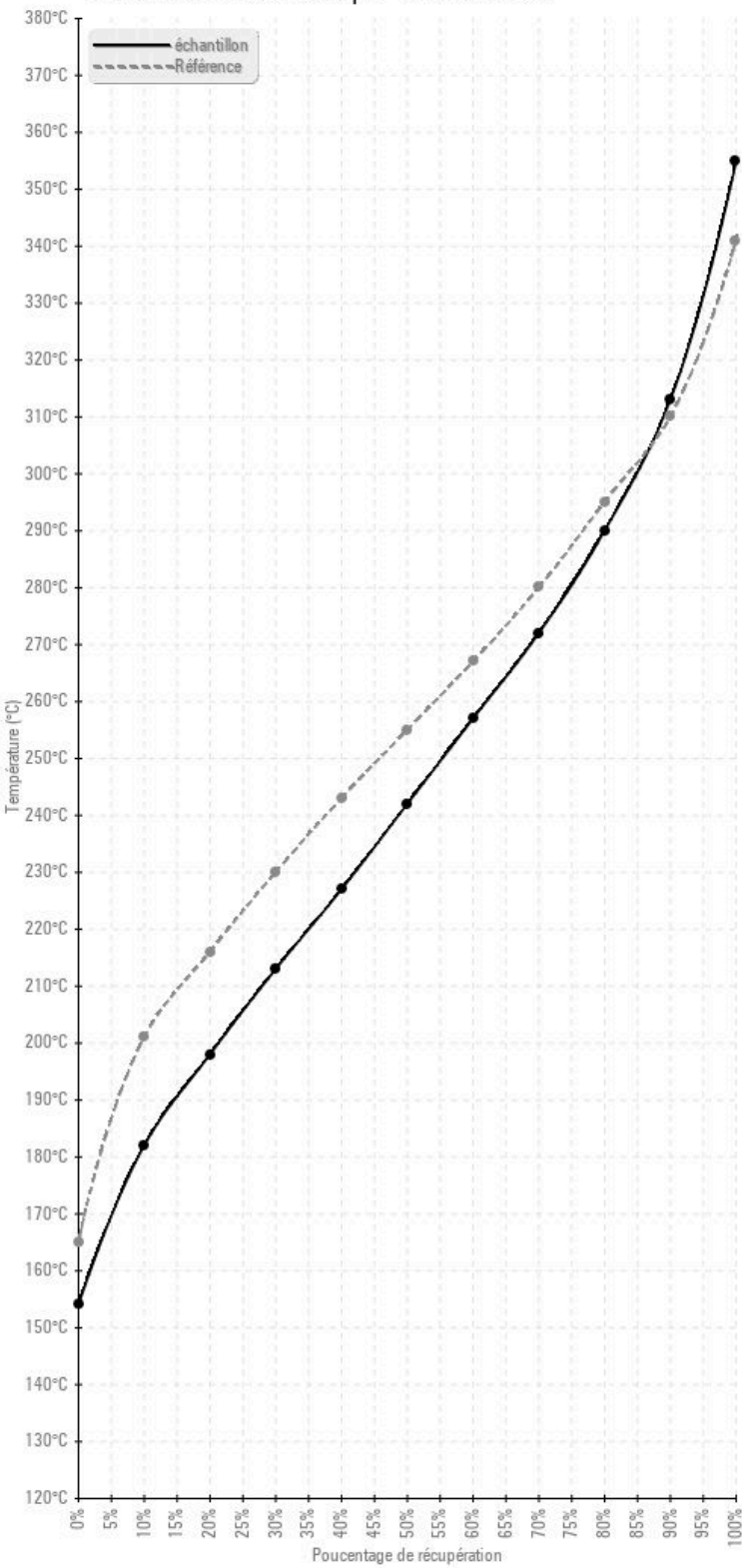
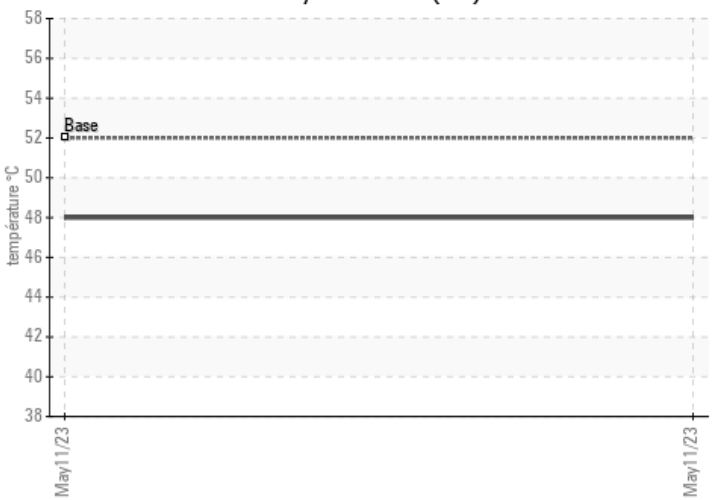
Graphs

Courbe de distillation par le carburant



Point d`éclair Pensky-Martens (°C)



GCD Spectrum