

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360807)] LIEBHERR PR7 26XL 0187 88-1330 - Diesel Engine

Sample No: LH0281302

Oil Type: PETRO CANADA SUPREME 5W30



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0281302	LH0277586	LH0265544	LH0186019
Date d'échant.	19 Mar 2024	20 Oct 2023	27 Aug 2023	03 Feb 2022
Heures de la Machine	3055	2546	2368	511
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

#### CITY OF NORTH BAY

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North Bay, ON  
CA P1A 2W1  
Contact: Gearld DeCou  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	---	---	---	73.0
Visc 100°C	cSt	11.7	11.6	11.5	11.2
Indice de viscosité (VI)	Scale	---	---	---	144
Oxydation (PA)	%	93	76	94	62



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	96	78	94	52
Sulfatation (PA)	%	66	57	70	57
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	8	8	7
Sodium	ppm	10	9	8	2
Potassium	ppm	5	3	3	1



#### MÉTAUX D'USURE

Fer	ppm	7	4	9	5
Cuivre	ppm	28	7	19	55
Plomb	ppm	<1	<1	2	6
Étain	ppm	<1	<1	1	4
Aluminium	ppm	2	1	1	<1
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	61	58	62	57
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	<1
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	816	830	830	1053
Magnésium	ppm	1093	1135	1116	982
Zinc	ppm	1142	1215	1163	1194
Phosphore	ppm	864	1039	941	1050
Baryum	ppm	<1	<1	<1	4
Bore	ppm	24	35	21	12

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: CIT360NOR

Unique No: 5750254

Signed: Kevin Marson

Report Date: 28 Mar 2024



### GRAPHS

