

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [BROZ] LIEBHERR PR726 24247 - Diesel Engine

Sample No: LH0202917

Oil Type: PETRO CANADA 10W40



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Steve Lehto  
 steve.lehto@liebherr.com  
 T: (905)319-9222  
 F: (905)319-6617



#### SAMPLE INFORMATION

Sample Number	LH0202917	LH0234982	---	---
Sample Date	02 Aug 2023	22 Feb 2023	---	---
Machine Hours	900	401	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	SEVERE	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	13.5	7.9	---	---
Oxidation (PA)	%	67	56	---	---



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	72	63	---	---
Sulfation (PA)	%	54	55	---	---
Glycol	%	NEG	0.018	---	---
Fuel	%	1.2	16.5	---	---
Silicon	ppm	8	22	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	2	0	---	---



#### WEAR METALS

Iron	ppm	5	12	---	---
Copper	ppm	19	2	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	56	52	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	1077	934	---	---
Magnesium	ppm	949	844	---	---
Zinc	ppm	1186	1023	---	---
Phosphorus	ppm	1045	954	---	---
Barium	ppm	1	0	---	---
Boron	ppm	3	3	---	---

Diagnosis

Depot: LIEMIS  
 Unique No: 5619505  
 Signed: Kevin Marson  
 Report Date: 09 Aug 2023



### GRAPHS

