

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 023091-1736 - Diesel Engine

Sample No: LH0279574

Oil Type: PETRO CANADA DURON ADVANCED 5W30



ACTI-CITE INC.
 955 CHEMIN SAINT-JOSE
 LA PRAIRIE, QC
 CA J5R 3X8
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0279574	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	1988	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	10.8	---	---	---
Oxidation (PA)	%	96	---	---	---

T:
F:



CONTAMINATION

Water	%	0.064	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	68	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	55	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	61	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1150	---	---	---
Magnesium	ppm	920	---	---	---
Zinc	ppm	1121	---	---	---
Phosphorus	ppm	865	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	10	---	---	---

Depot: ACT955LAP
Unique No: 5683207
Signed: Wes Davis
Report Date: 24 Nov 2023



GRAPHS

