

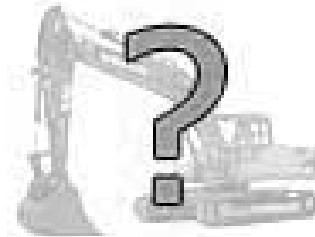


CONSTRUCTION EQUIPMENT

E15335 PONSSE A130490W - DIESEL ENGINE



Sample No: VCP405860
Oil Type: PETRO CANADA DURON UHP 5W30
Job No: E15335



SAMPLE INFORMATION

Sample Number	VCP405860	VCP416691	VCP389043	---
Sample Date	10 May 2024	10 May 2023	17 Feb 2023	---
Machine Hours	5953	1423	252	---
Oil Hours	0	0	252	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

JON LOZIER
 14 SUNNYFIELD DRIVE
 FORT KENT, ME
 US 04743
 Contact: JON LOZIER



OIL CONDITION

Visc @ 100°C	cSt	13.9	11.5	11.4	---
Base Number (BN)	mg KOH/g	6.3	9.1	9.9	---
Oxidation (PA)	%	59	82	53	---

T: (207)436-0366
 F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0.5	0.4	0.2	---
Nitration (PA)	%	75	80	83	---
Sulfation (PA)	%	55	55	46	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	<1.0	---
Silicon	ppm	5	5	8	---
Sodium	ppm	0	2	3	---
Potassium	ppm	5	9	6	---



WEAR METALS

Iron	ppm	10	14	17	---
Copper	ppm	2	4	19	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	1	1	---
Aluminum	ppm	7	9	7	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	4	48	43	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	8	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2226	1392	1212	---
Magnesium	ppm	34	957	876	---
Zinc	ppm	1219	953	852	---
Phosphorus	ppm	1148	767	698	---
Barium	ppm	<1	0	0	---
Boron	ppm	37	70	125	---

Depot: JONFORME
Unique No: 11031026
Signed: Sean Felton
Report Date: 17 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

