



CONSTRUCTION EQUIPMENT

E15283 PONSSE SCORPION KING A011094W - DIESEL ENGINE



Sample No: VCP389018
Oil Type: PETRO CANADA DURON UHP 5W30
Job No: E15283



SAMPLE INFORMATION

Sample Number	VCP389018	VCP417821	---	---
Sample Date	22 Mar 2024	11 Aug 2023	---	---
Machine Hours	2149	362	---	---
Oil Hours	0	362	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

JOSH RICH
 36 SOLDIER POND RD
 WALLAGRASS, ME
 US 04781
 Contact: JOSH RICH



OIL CONDITION

Visc @ 100°C	cSt	12.0	11.1	---	---
Base Number (BN)	mg KOH/g	9.2	9.9	---	---
Oxidation (PA)	%	92	53	---	---

T: (207)831-5301
 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 suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.2	---	---
Nitration (PA)	%	91	84	---	---
Sulfation (PA)	%	57	47	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	2	9	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	8	58	---	---



WEAR METALS

Iron	ppm	9	30	---	---
Copper	ppm	2	22	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	5	51	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	43	40	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1346	1212	---	---
Magnesium	ppm	864	952	---	---
Zinc	ppm	917	931	---	---
Phosphorus	ppm	648	759	---	---
Barium	ppm	0	0	---	---
Boron	ppm	78	110	---	---

Depot: JOSWAL
Unique No: 10949726
Signed: Wes Davis
Report Date: 27 Mar 2024



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GRAPHS

