



CONSTRUCTION EQUIPMENT

E14992 PONSSE SCORPION KING A011094W - REAR FRONT RIGHT FINAL DRIVE



Sample No: VCP416724
Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90
Job No: E14992



SAMPLE INFORMATION

Sample Number	VCP416724	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	362	---	---	---
Oil Hours	362	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 152	---	---	---
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T: (207)831-5301
 F:



CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 6	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. High concentration of visible metal present. All component wear rates are normal. 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	█ 51	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 40	---	---	---
Magnesium	ppm	█ 913	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 1548	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 546	---	---	---

Depot: JOSWAL
Unique No: 10606340
Signed: Don Baldrige
Report Date: 17 Aug 2023



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GRAPHS

