CONSTRUCTION EQUIPMENT

E14992 PONSSE SCORPION KING A011094W - HYDRAULIC SYSTE

Sample No: VCP417813

VOLVO

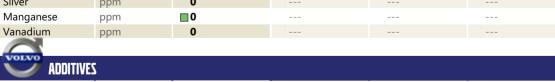
Oil Type:	PETRO CANADA PURITY FG AW HYDRAULIC 46
Job No:	E14992

SAMPLE INFORMATION VCP417813 Sample Number Sample Date 11 Aug 2023 Machine Hours 362 Oil Hours 362 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 45.9 Acid Number (AN) mg KOH/g 0.42

	IINA I IUN			
Particles >4µm		658	 	
Particles >6µm		147	 	
Particles >14µm		■11	 	
ISO 4406:1999 (c)		17/14/11	 	
Silicon	ppm	2	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	

Particles >14µm		11	 	
SO 4406:1999 (c)		17/14/11	 	
Silicon	ppm	2	 	
Sodium	ppm	0	 	
Potassium	ppm	∎1	 	
VOLVO				

WEAR METALS Iron ppm 3 Copper 2 ppm Lead ppm 1 Tin ■<1 ppm Aluminum 0 🔲 ppm Chromium 0 ppm Molybdenum ppm 0 Nickel 0 ppm Titanium 0 ppm Silver ppm 0



Calcium	ppm	4 3	 	
Magnesium	ppm	■ <1	 	
Zinc	ppm	459	 	
Phosphorus	ppm	329	 	
Barium	ppm	1	 	
Boron	ppm	0	 	

JOSH RICH

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

T: (207)831-5301 F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: JOSWAL Unique No: 10606002 Signed: Don Baldridge **Report Date:** 17 Aug 2023

Report Id: JOSWAL [WUSCAR] 05926055 (Generated: 08/17/2023 12:48:50) Rev: 1

Contact/Location: JOSH RICH - JOSWAL

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 491,520 10 T -26 iron 9 •• chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß mda E, 30,720 -22 15,360 -21 2 7,680 20 bnorma 2 3,840 -19 0 1,920 18 🛛 ber of particles (per 1 ml) 1/23 Aug11/23 4406:1999 Cleanlines: Aug1 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q nn lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 9 2 8 0 73 /23 Aug11 Aug1 21µ 14μ 38µ Viscosity @ 40°C Acid Number 51 0.45 Abnormal 50 0.40 49 48 0.35 47 (D/H0) KOH/d) (0°046 (0°045 45 44 Bas Ê 0.25 Number Number 43 - Pg 0.15 42 0.10 41 Abnormal 0.05 40 39 0.00-Aug11/23. Aug11/23 Aug11/23 Aug11/23

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Contact/Location: JOSH RICH - JOSWAL