



CONSTRUCTION EQUIPMENT

E14992 PONSSE SCORPION KING A01 1094W - HYDRAULIC SYSTEM



Sample No: VCP417813
Oil Type: PETRO CANADA PURITY FG AW HYDRAULIC 46
Job No: E14992



SAMPLE INFORMATION

Sample Number	VCP417813	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	362	---	---	---
Oil Hours	362	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 45.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---

T: (207)831-5301
 F:



CONTAMINATION

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	---	---	---

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.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 43	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 459	---	---	---
Phosphorus	ppm	█ 329	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

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

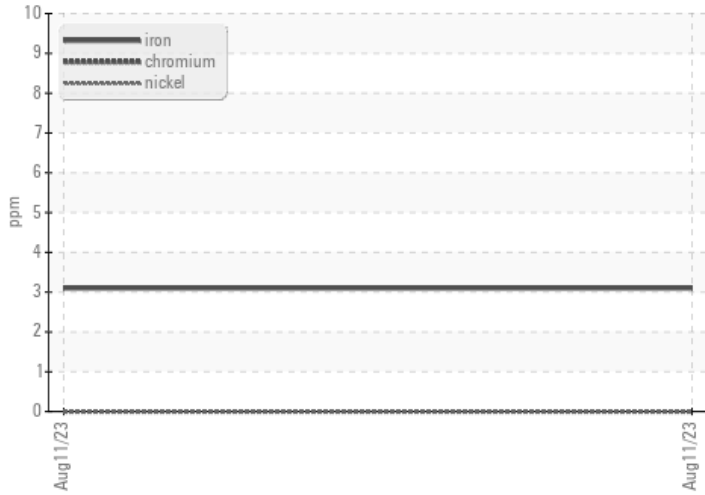


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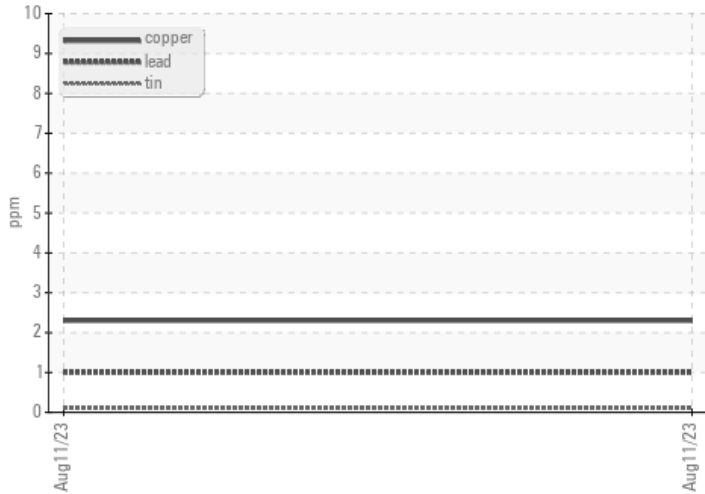


GRAPHS

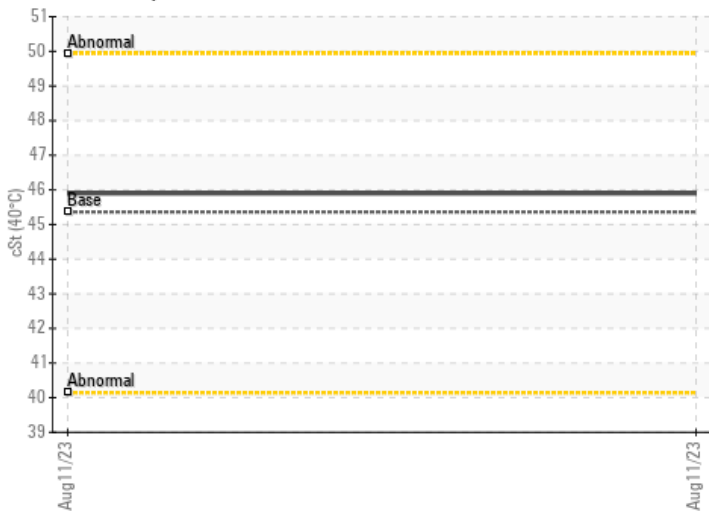
Ferrous Alloys



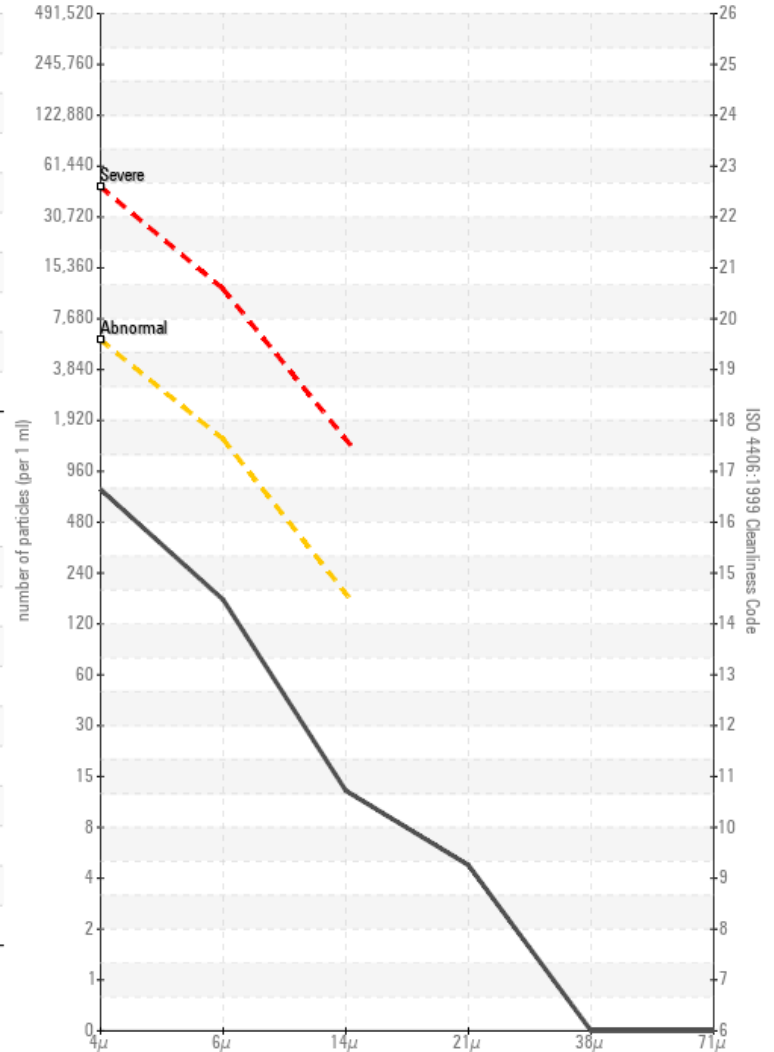
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

