



CONSTRUCTION EQUIPMENT

343269 RYAN GOLF VOLVO A45G 352339 - HYDRAULIC SYSTEM



Sample No: VCP412488
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 343269 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP412488	VCP333462	---	---
Sample Date	26 Aug 2023	26 Jan 2022	---	---
Machine Hours	3723	1726	---	---
Oil Hours	1723	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
Contact: TODD LARK
tlark@altaequipfl.com
T:
F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 45.2	█ 42.4	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	█ 0.31	---	---



CONTAMINATION

Particles >4µm		█ 1343	5444	---	---
Particles >6µm		█ 311	█ 1453	---	---
Particles >14µm		█ 55	█ 95	---	---
ISO 4406:1999 (c)		█ 18/15/13	20/18/14	---	---
Silicon	ppm	█ 6	█ 5	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ 2	█ <1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 8	█ 4	---	---
Copper	ppm	█ 1	█ 2	---	---
Lead	ppm	█ 1	█ 22	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 3	█ 1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 2	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 159	209	---	---
Magnesium	ppm	█ 6	1	---	---
Zinc	ppm	█ 406	484	---	---
Phosphorus	ppm	█ 334	376	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 2	6	---	---

Depot: VOLVO0090
Unique No: 10629425
Signed: Wes Davis
Report Date: 31 Aug 2023

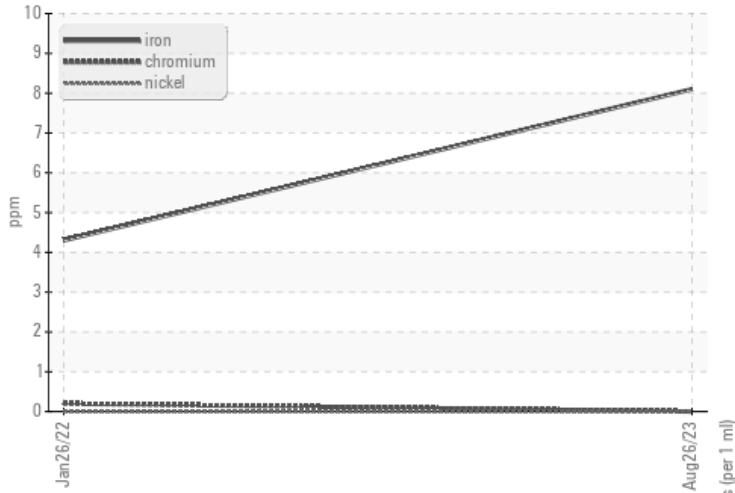


CONSTRUCTION EQUIPMENT

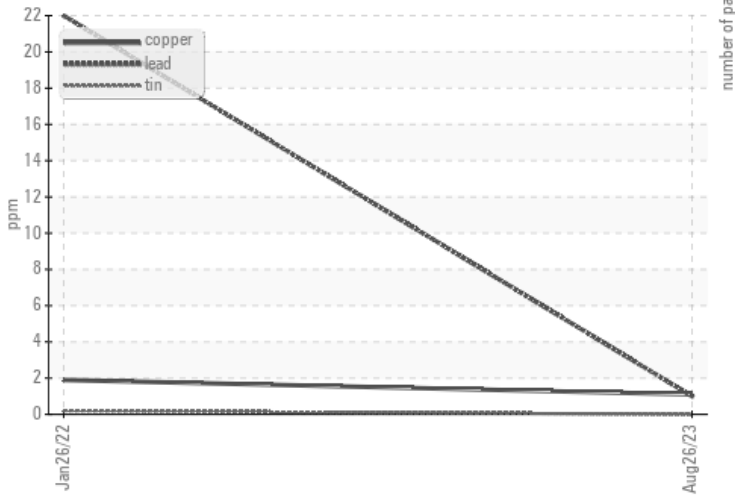


GRAPHS

Ferrous Alloys



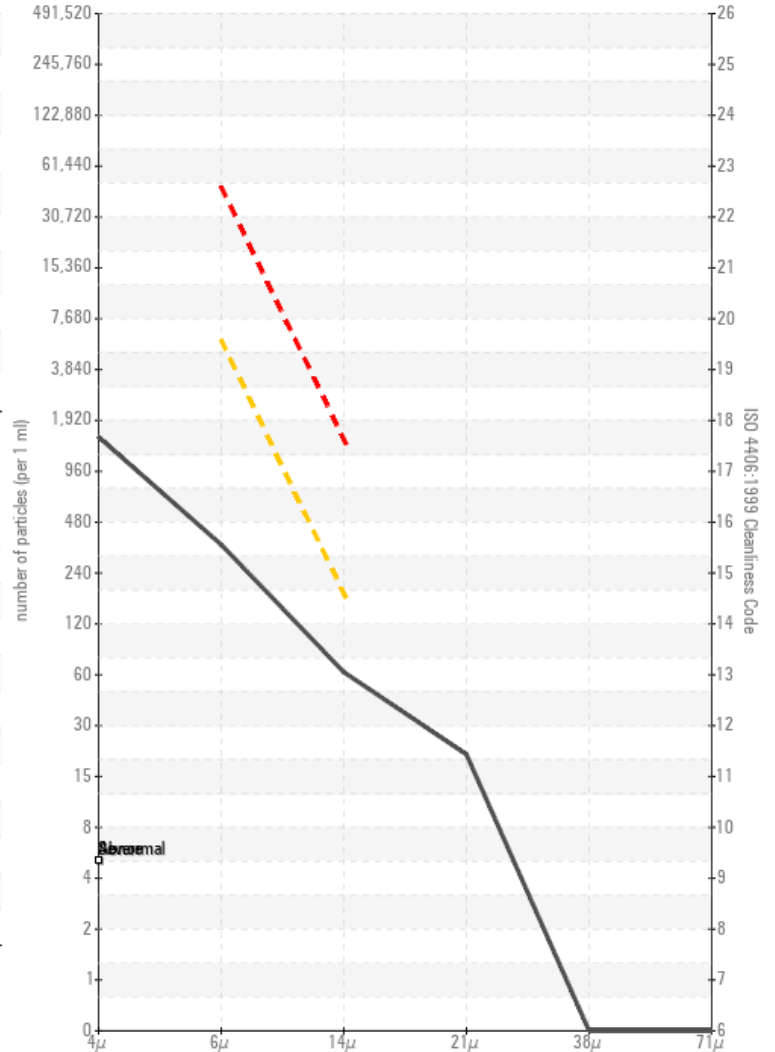
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

