



CONSTRUCTION EQUIPMENT

GBS415 VOLVO EC220EL 310461 - HYDRAULIC SYSTEM



Sample No: VCP220054

Oil Type: NOT GIVEN

Job No: GBS415



SAMPLE INFORMATION

Sample Number	VCP220054	---	---	---
Sample Date	16 Apr 2019	---	---	---
Machine Hours	2188	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.8	---	---	---
Acid Number (AN)	mg KOH/g	0.455	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		6865	---	---	---
Particles >6µm		2204	---	---	---
Particles >14µm		244	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	19	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	81	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	488	---	---	---
Phosphorus	ppm	370	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---



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Diagnosis

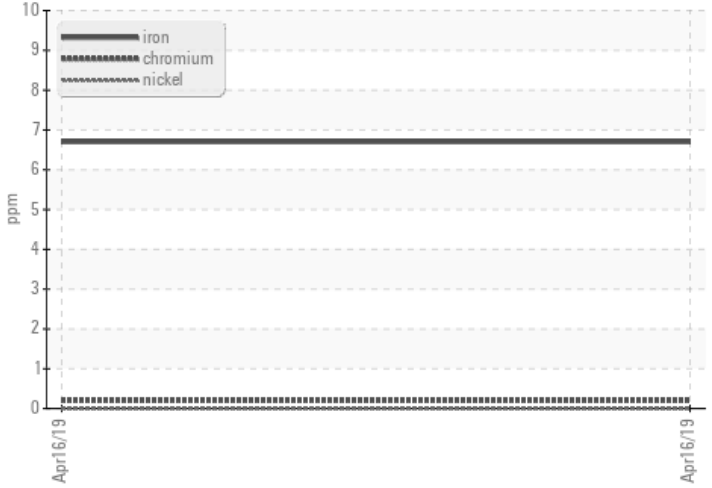
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further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

Depot: VOLVO6174
Unique No: 8574907
Signed: Don Baldrige
Report Date: 24 Apr 2019

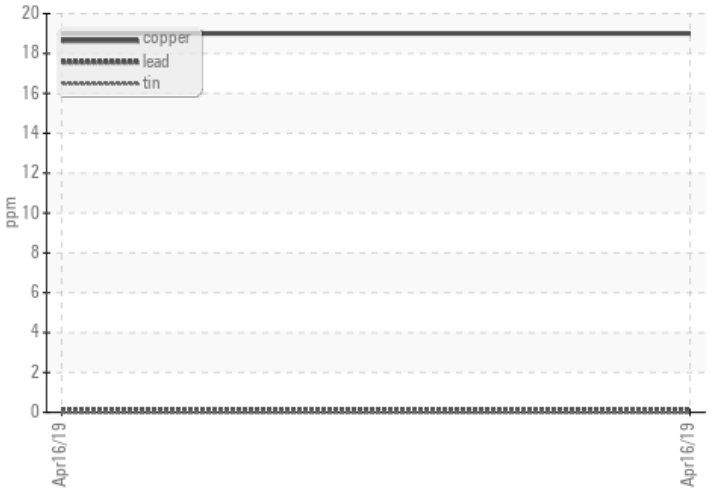


VOLVO GRAPHS

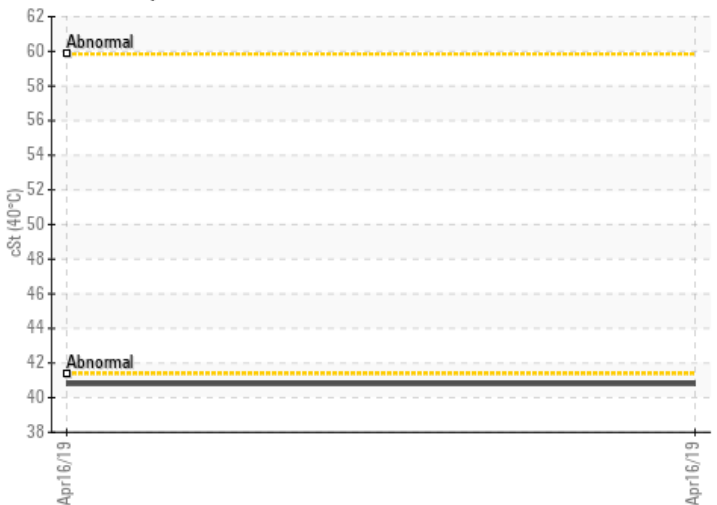
Ferrous Alloys



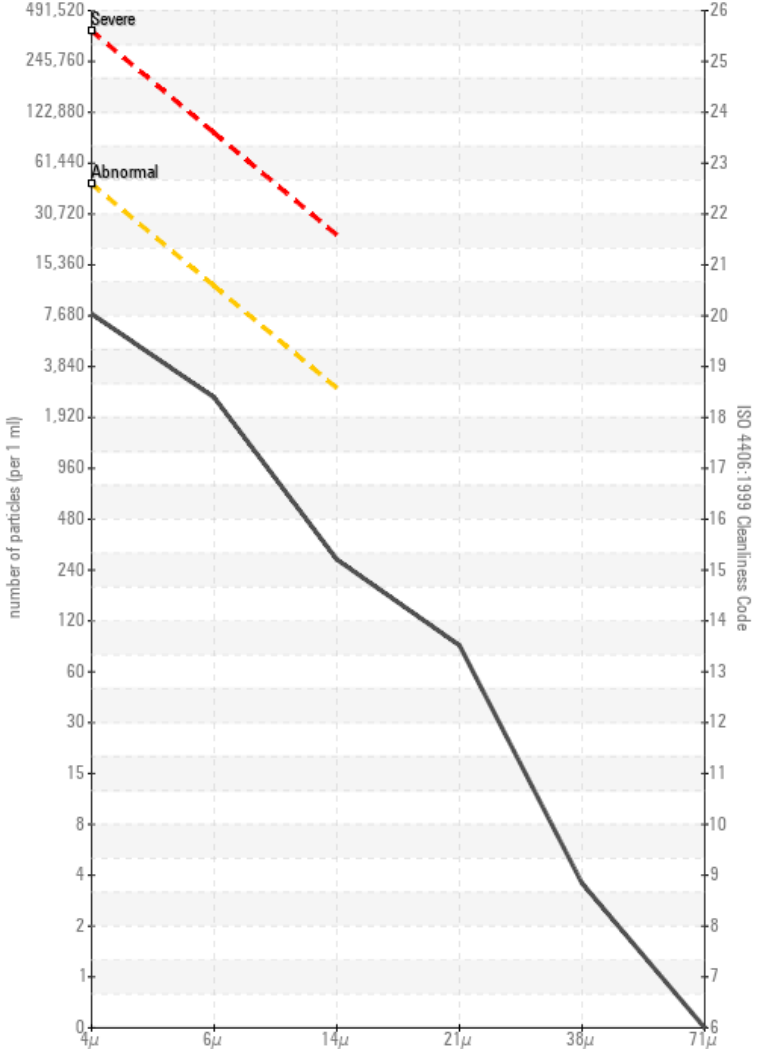
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

