



CONSTRUCTION EQUIPMENT

REFG ST-LAURENT VOLVO EC480EL 310192 - HYDRAULIC SYSTEM



Sample No: VCP222802
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: REFG ST-LAURENT



SAMPLE INFORMATION

Sample Number	VCP222802	---	---	---
Sample Date	25 Jun 2019	---	---	---
Machine Hours	5203	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 2107 AVENUE DU LABRADOR
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 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 39.1	---	---	---
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CONTAMINATION

Particles >4µm		■ 5700	---	---	---
Particles >6µm		■ 156	---	---	---
Particles >14µm		■ 6	---	---	---
ISO 4406:1999 (c)		20/14/10	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 58	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 453	---	---	---
Phosphorus	ppm	■ 439	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: VOLVO4593
Unique No: 4889937
Signed: Kevin Marson
Report Date: 03 Jul 2019

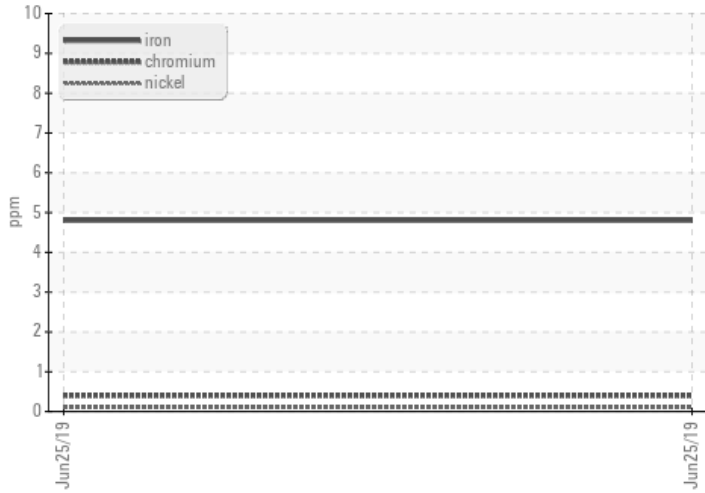


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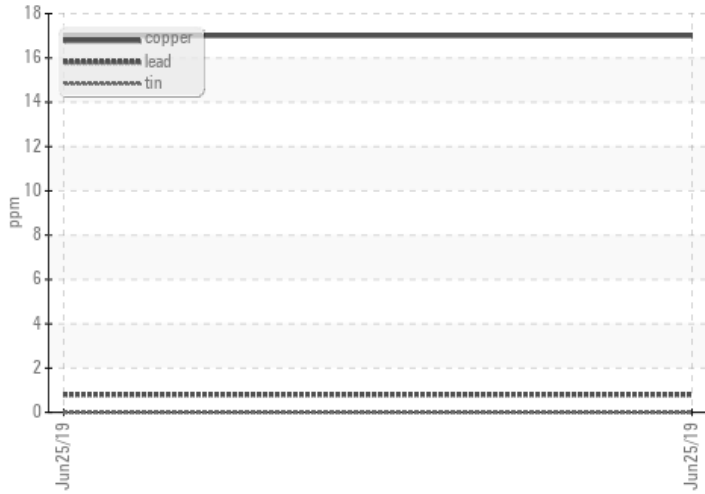


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

