



CONSTRUCTION EQUIPMENT

RG ST-LAURENT VOLVO EC480E 314344 - HYDRAULIC SYSTEM



Sample No: VCP347345
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP347345	VCP394876	VCP394887	VCP380492
Sample Date	08 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023
Machine Hours	0	0	0	0
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	45.0	43.2	43.0	42.9
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CONTAMINATION

Particles >4µm	33230	85723	27321	84908	
Particles >6µm	1291	12532	2207	26818	
Particles >14µm	17	135	106	1401	
ISO 4406:1999 (c)	22/17/11	24/21/14	22/18/14	24/22/18	
Silicon	ppm	1	5	5	6
Sodium	ppm	<1	<1	<1	1
Potassium	ppm	<1	1	1	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	3	8	4	5
Copper	ppm	2	31	30	30
Lead	ppm	0	2	2	2
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	53	83	75	76
Magnesium	ppm	0	<1	<1	<1
Zinc	ppm	448	617	613	608
Phosphorus	ppm	380	564	566	572
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: VOLVO0230
Unique No: 5619929
Signed: Wes Davis
Report Date: 10 Aug 2023

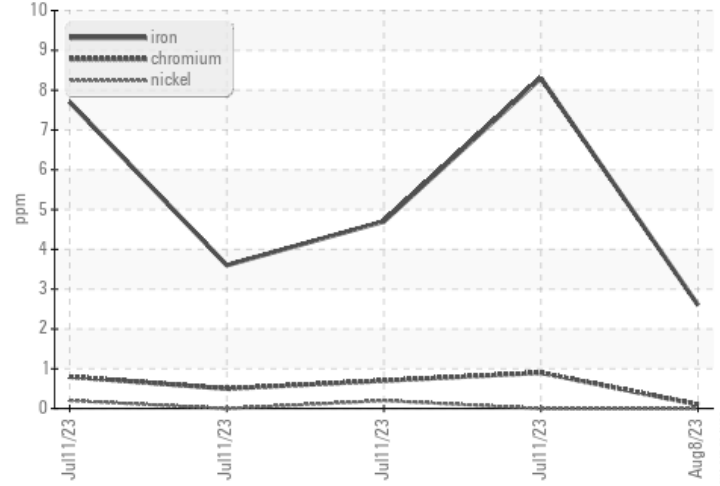


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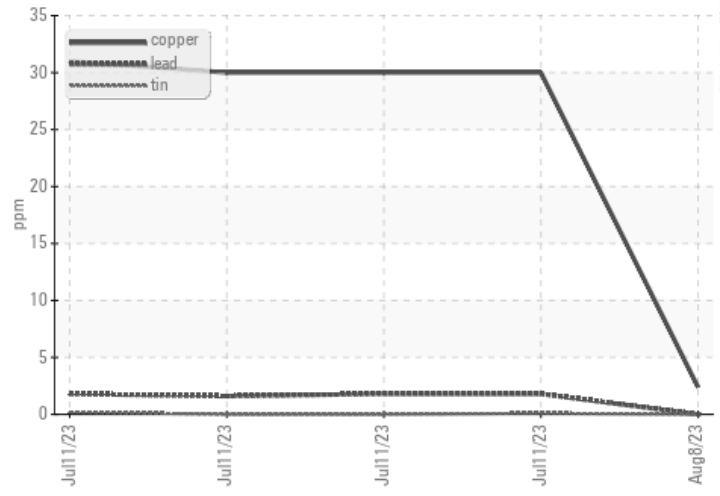


GRAPHS

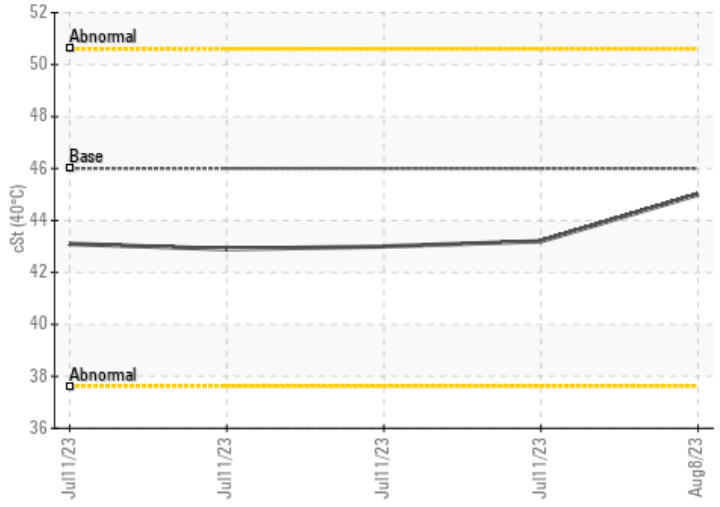
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

