



CONSTRUCTION EQUIPMENT

633117 DIPRO VOLVO L260H 1312 - HYDRAULIC SYSTEM



Sample No: VCP442780
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 633117 DIPRO



SAMPLE INFORMATION

Sample Number	VCP442780	VCP407916	VCP421779	VCP403856
Sample Date	22 Nov 2023	01 Jun 2023	22 Mar 2023	18 Jan 2023
Machine Hours	8328	6439	5304	4197
Oil Hours	4000	2000	1304	4197
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	SEVERE	ABNORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
 paul.conz@altg.com
 T: (313)348-8861
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	42.3	42.9	42.6	42.0
Acid Number (AN)	mg KOH/g	0.40	0.46	0.44	0.30



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		22344	28562	80901	39633
Particles >6µm		4011	5717	21537	11187
Particles >14µm		119	228	1163	711
ISO 4406:1999 (c)		22/19/14	22/20/15	24/22/17	22/21/17
Silicon	ppm	<1	<1	2	1
Sodium	ppm	0	1	1	1
Potassium	ppm	2	0	<1	0

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	6	3	2	4
Copper	ppm	2	1	<1	2
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	<1	0
Chromium	ppm	2	1	<1	2
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	25	16	21	55
Magnesium	ppm	<1	<1	<1	1
Zinc	ppm	533	540	568	449
Phosphorus	ppm	364	415	466	357
Barium	ppm	0	0	<1	0
Boron	ppm	0	0	0	0

Depot: VOLVO2990
Unique No: 10765009
Signed: Wes Davis
Report Date: 30 Nov 2023

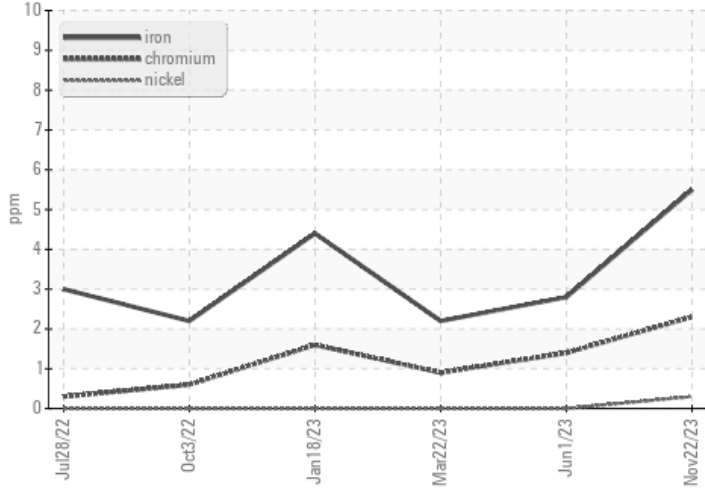


CONSTRUCTION EQUIPMENT

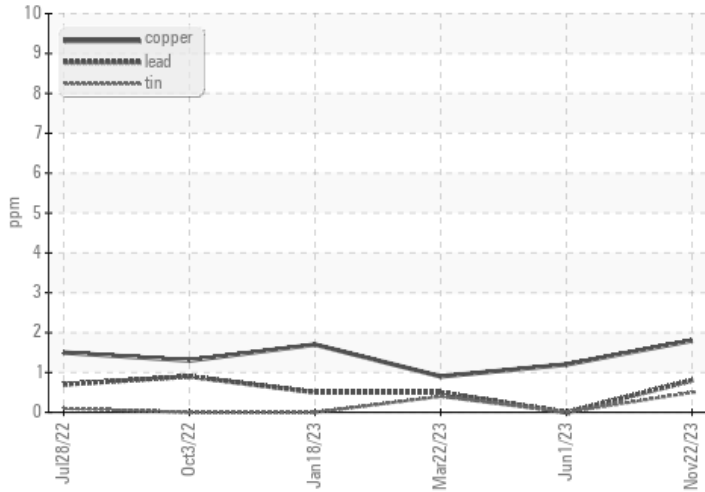


VOLVO GRAPHS

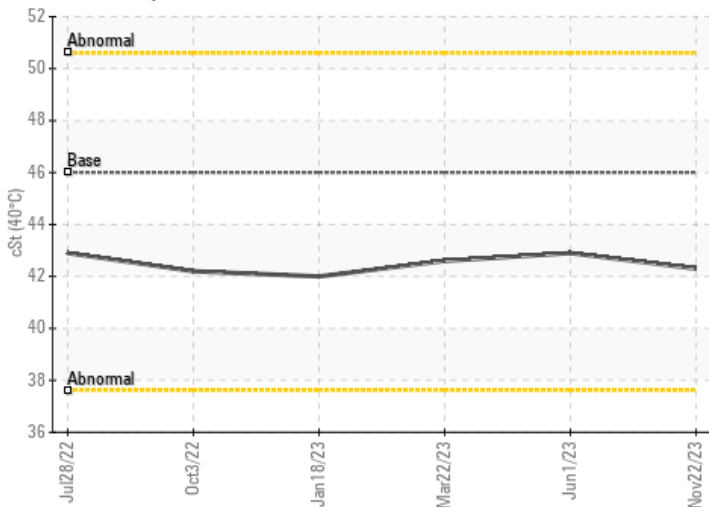
Ferrous Alloys



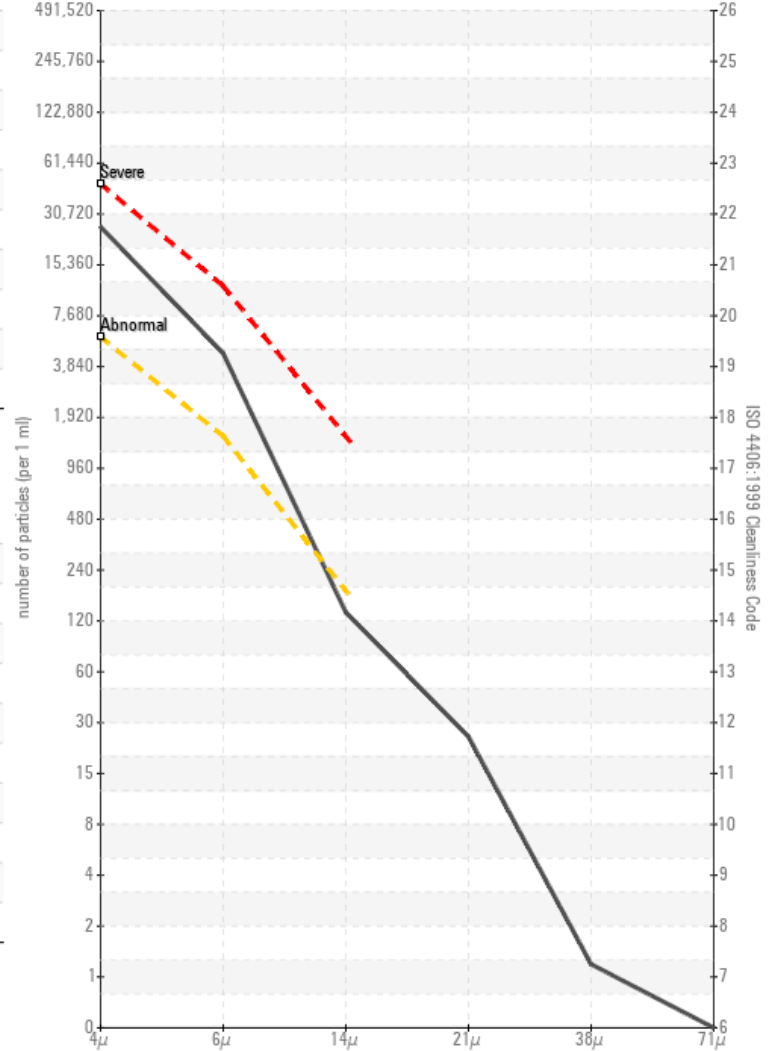
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

