

CONSTRUCTION EQUIPMENT VOLVO A30G 742515 - DIESEL ENGINE



VCP412691 Sample No:

Oil Type: CHEVRON DELO 400 XLE 15W40

Job No:

Barium

Boron

SAMPLE II	NFORMATION			
Sample Number	-	VCP412691	VCP361154	
Sample Date		17 Aug 2023	30 Sep 2022	
Machine Hours		2000	1500	
Oil Hours		500	500	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	ATTENTION	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.0	1 1.9	
Base Number (BN)	mg KOH/g	6.5	7.8	
Oxidation (PA)	%	50	62	
CONTAMIN	NATION			
Soot %	%	0.3	0.3	
Nitration (PA)	%	68	82	
Sulfation (PA)	%	50	57	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	2.0	
Silicon	ppm	6	6	
Sodium	ppm	2	16	
Potassium	ppm	■ <1	 <1	
WEAR ME	TALS			
Iron	ppm	9	8	
Copper	ppm	4	17	
Lead	ppm	0	<□<1	
Tin	ppm		□ <1	
Aluminum	ppm	■<1	 <1	
Chromium	ppm	 <1	2	



DH FUNK AND SONS LLC

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Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Chromium	ppm	 <1	2	
Molybdenum	ppm	63	34	
Nickel	ppm	0	0	
Titanium	ppm	3	13	
Silver	ppm	0	1	
Manganese	ppm	 <1	1	
Vanadium	ppm	<1	<1	
ADDITIVE	Z			
Calcium	ppm	2016	1532	
Magnesium	ppm	366	643	
Zinc	ppm	🔲 1196	866	
Phosphorus	ppm	1003	708	

0

85

Depot: DHFCOL Unique No: 10609100 Signed: Sean Felton Report Date: 22 Aug 2023

0 🔲

42

ppm

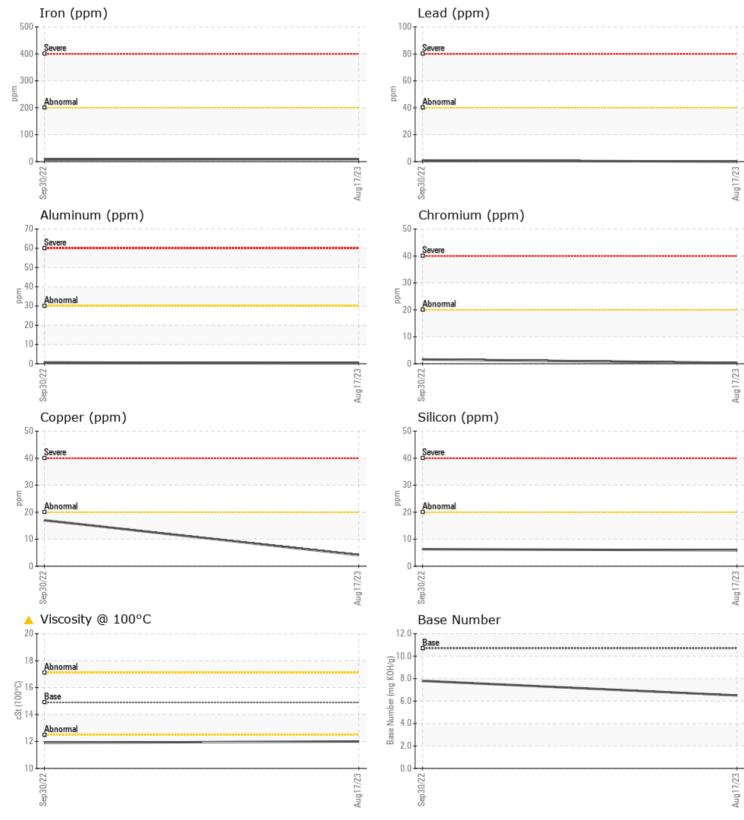
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: GARY SHEPHERD - DHFCOL