

CONSTRUCTION EQUIPMENT 717836 VOLVO L 150H 6057 - DIESEL ENGINE



Sample No: VCP443030

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 717836

2AMPLE II	NFORMATION				
Sample Number	-	VCP443030	VCP438336	VCP432117	VCP440797
Sample Date		05 Jun 2024	25 Mar 2024	17 Jan 2024	30 Oct 2023
Machine Hours		13128	12571	12014	11520
Oil Hours		500	500	500	500
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		ATTENTION	NORMAL	NORMAL	ABNORMAL
VOLVO	TION				
OIL CONDI					
Visc @ 100°C	cSt	12.3	12.8	12.7	12.3
Base Number (BN)	mg KOH/g	■9.9	■ 10.0	■9.8	■10.2
Oxidation (PA)	%	74	76	62	77
CONTAMIN	JATION				
_	_		1150	1150	115.0
Water	%	NEG	NEG	NEG	NEG
Soot %	%	■ 0.1	0.1	□ 0.1	0.1
Nitration (PA)	%	53	54	51	56
Sulfation (PA)	%	58	58	53	59
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	■ 0.4	<1.0	<1.0	<1.0
Silicon	ppm	■5	6	□ 14	7
Sodium	ppm	■ 3	2	3	□21
Potassium	ppm	■ 0	< 1	2	1 2
WEAR ME	7 I A T				
_				= 10	
Iron	ppm	2	4	1 0	■4 ▲ 26
Copper	ppm		2	4	
Lead	ppm	0	<1	<1	2
Tin	ppm	0	= <1	0	<u></u> <1
Aluminum	ppm		3	4	1
Chromium	ppm	0	0	= <1	0
Molybdenum	ppm	■ 56	44	■ 51	■38
Nickel	ppm	0	0	0	0
Titanium 	ppm	0	0	<1	0
Silver	ppm	■0	0	0	0
Manganese	ppm	■ <1	- <1	 <1	- <1
Vanadium	ppm	0	0	<1	0

1642

577

1151

998

0

40

1298

871

1255

1042

0

12

1464

467

1032

■870

0

21



PARAGON DEVELOPMENT GROUP

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F:

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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.

Depot:PARPLAUnique No:11126337Signed:Sean FeltonReport Date:18 Jul 2024

1595

528

1044

■906

0

39

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

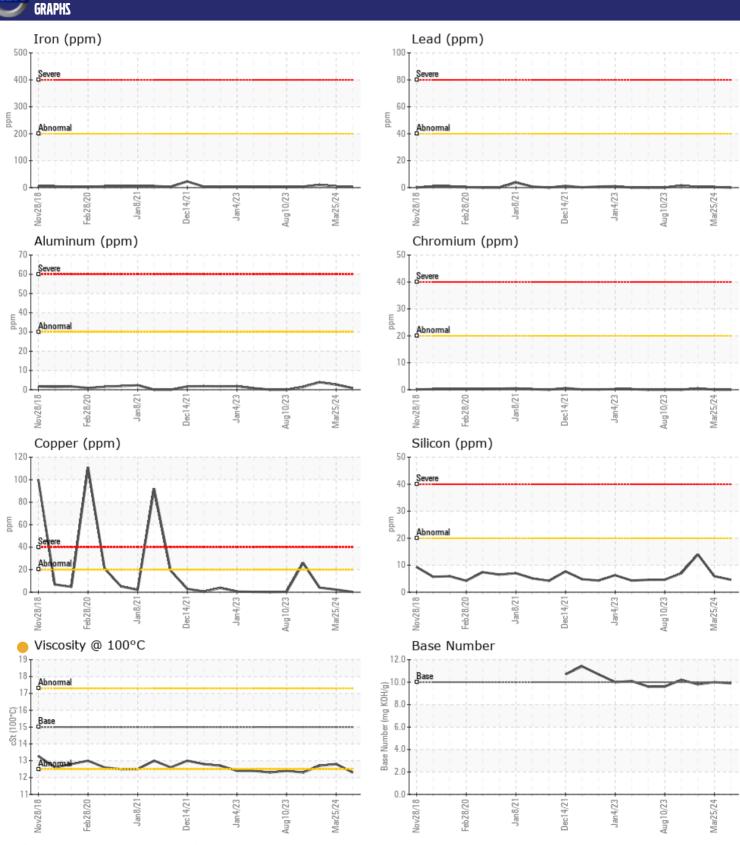
Phosphorus



CONSTRUCTION EQUIPMENT







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Contact/Location: ED WALPOLE - PARPLA