



CONSTRUCTION EQUIPMENT

730588 VOLVO L260H 1133 - L260H - DIESEL ENGINE



Sample No: VCP447725
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 730588



SAMPLE INFORMATION

Sample Number	VCP447725	VCP412073	---	---
Sample Date	26 Jun 2024	01 Aug 2023	---	---
Machine Hours	14441	11161	---	---
Oil Hours	500	250	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	12.7	13.1	---	---
Base Number (BN)	mg KOH/g	6.2	6.5	---	---
Oxidation (PA)	%	63	60	---	---

Diagnosis

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.3	---	---
Nitration (PA)	%	59	60	---	---
Sulfation (PA)	%	61	59	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	5	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	3	5	---	---



WEAR METALS

Iron	ppm	7	6	---	---
Copper	ppm	9	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	85	96	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1433	1458	---	---
Magnesium	ppm	390	475	---	---
Zinc	ppm	1273	1337	---	---
Phosphorus	ppm	1063	1046	---	---
Barium	ppm	0	0	---	---
Boron	ppm	320	301	---	---

Depot: VOLVO2990
Unique No: 1113289
Signed: Wes Davis
Report Date: 09 Jul 2024

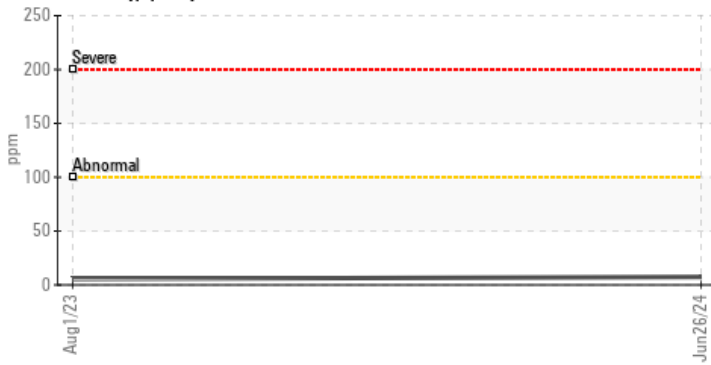


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GRAPHS

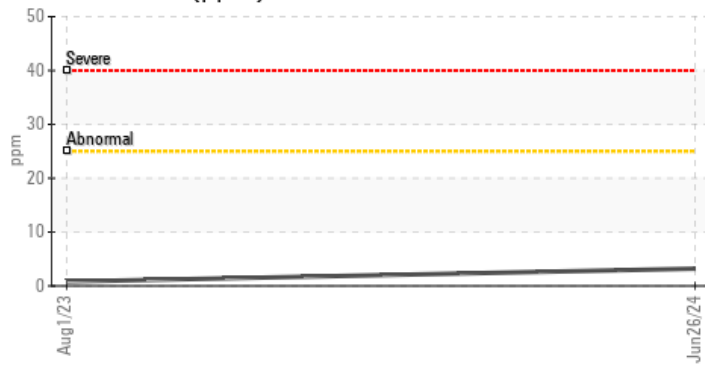
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



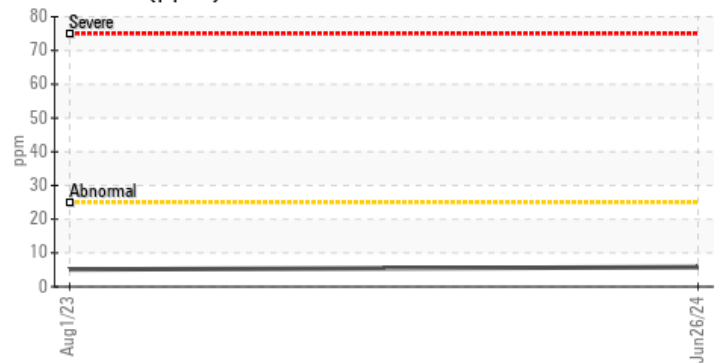
Chromium (ppm)



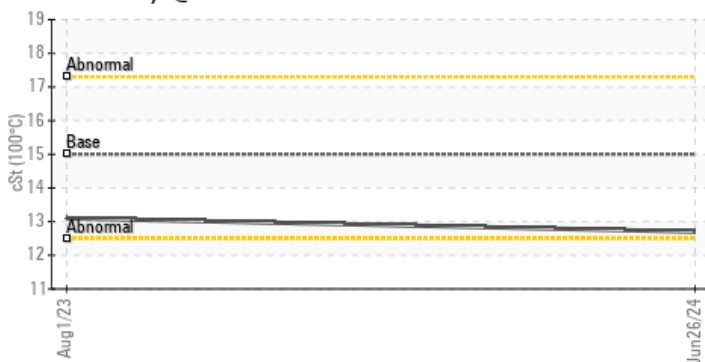
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

