



CONSTRUCTION EQUIPMENT

356022 VOLVO A25G 742129 - DIESEL ENGINE



Sample No: VCP352743
Oil Type: MOBIL 15W40
Job No: 356022



SAMPLE INFORMATION

Sample Number	VCP352743	---	---	---
Sample Date	17 Feb 2023	---	---	---
Machine Hours	9357	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Duroking construction
 100-12075 Rue Arthur Sicard
 Mirabel, QC
 CA J7J 0E9
 Contact: Service Manager



OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Oxidation (PA)	%	█ 68	---	---	---

T:
F:



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 65	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2082	---	---	---
Magnesium	ppm	█ 94	---	---	---
Zinc	ppm	█ 1107	---	---	---
Phosphorus	ppm	█ 1032	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 102	---	---	---

Depot: DURMIR
Unique No: 5538285
Signed: Kevin Marson
Report Date: 24 Feb 2023

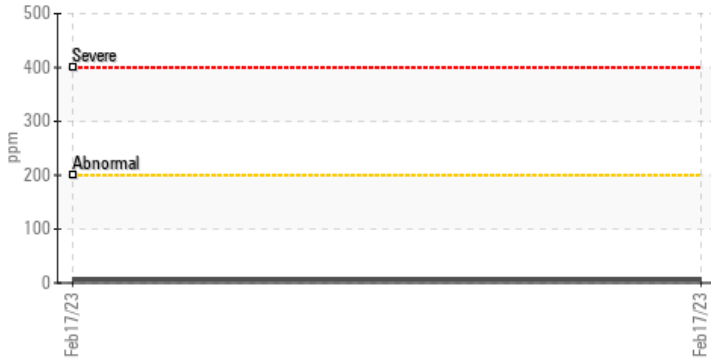


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GRAPHS

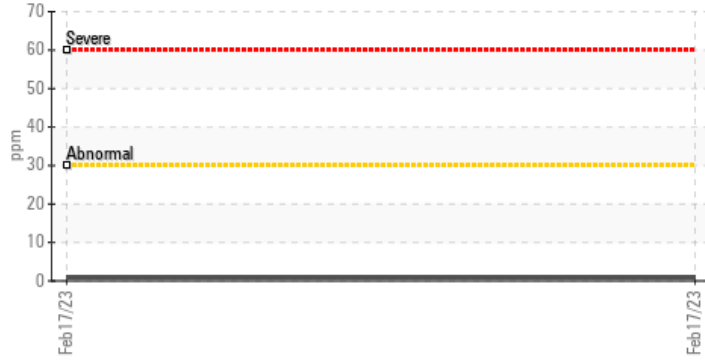
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



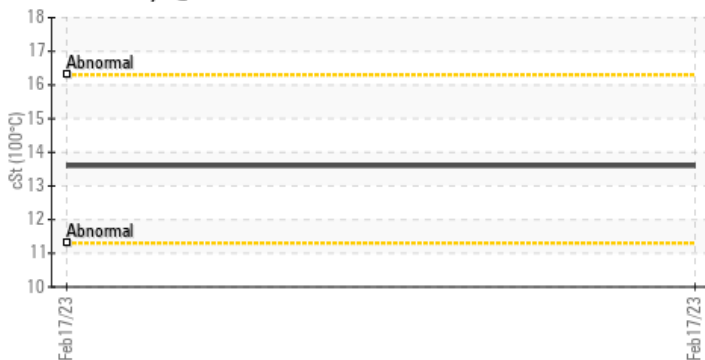
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Soot %

