



CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO A30G 753485 - DROP BOX



Sample No: VCP451245
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: HERC RENTAL



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SAMPLE INFORMATION

Sample Number	VCP451245	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1123	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 49.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 59	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 46	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	● 43	---	---	---
Phosphorus	ppm	● 2267	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 156	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 11099839
Signed: Don Baldrige
Report Date: 28 Jun 2024

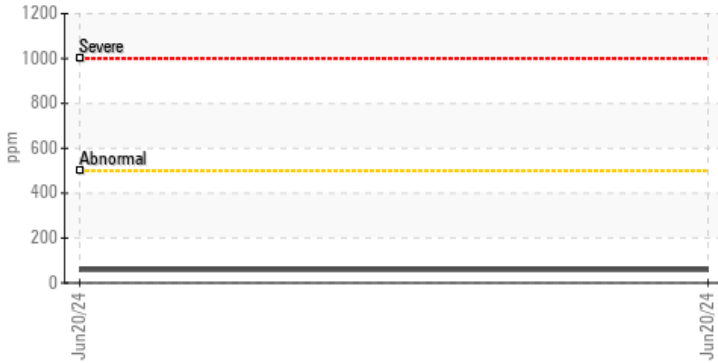


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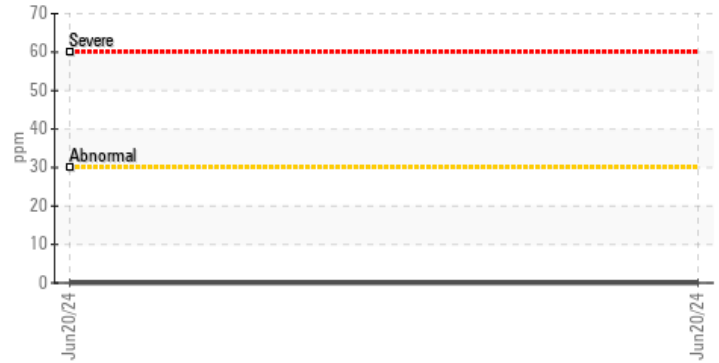


GRAPHS

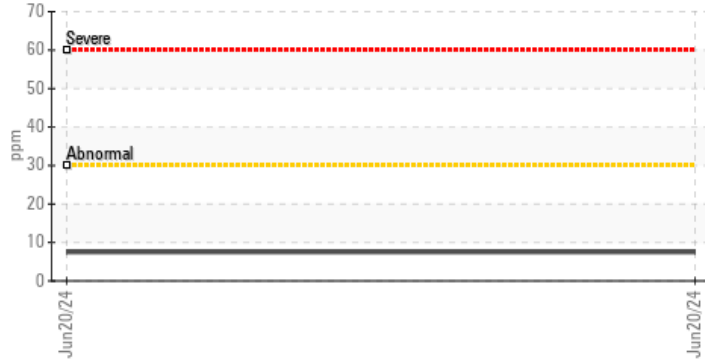
Iron (ppm)



Lead (ppm)



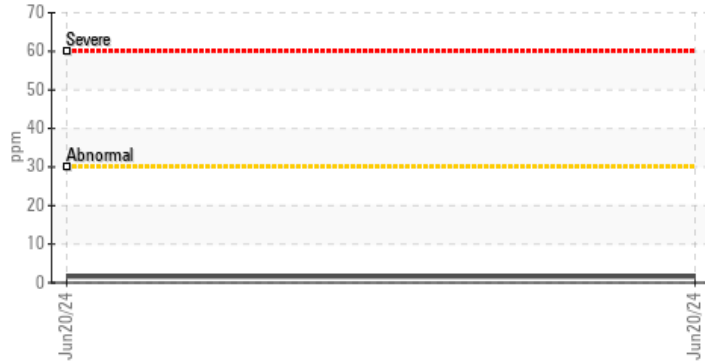
Aluminum (ppm)



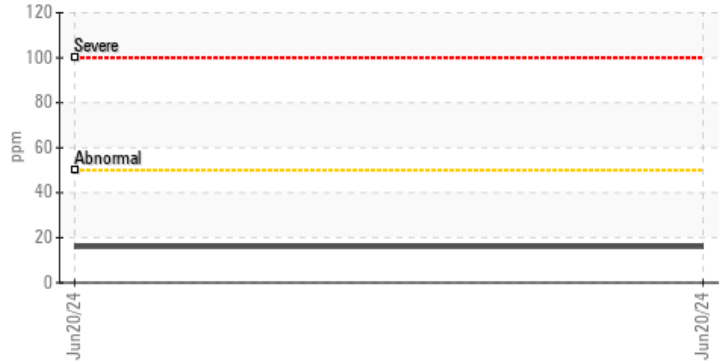
Chromium (ppm)



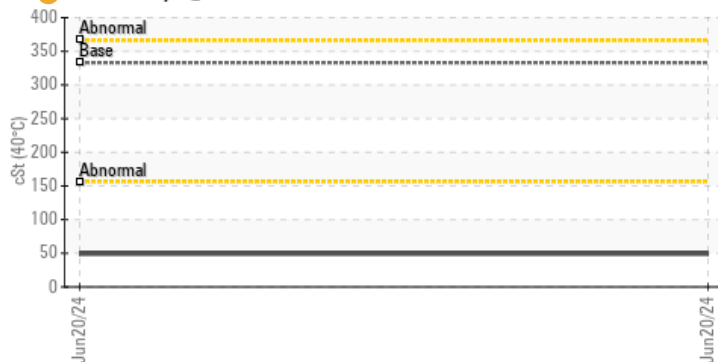
Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



● Additives

