



CONSTRUCTION EQUIPMENT

W25745 VOLVO A30G 753733 - DROP BOX



Sample No: VCP447710
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: W25745



SAMPLE INFORMATION

Sample Number	VCP447710	VCP453890	---	---
Sample Date	01 Jul 2024	21 May 2024	---	---
Machine Hours	139	138	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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 NORTH CHARLESTON, SC
 US 29418
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OIL CONDITION

Visc @ 40°C	cSt	51.6	52.74	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	28	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	3	<1	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	25	49	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	5	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	16	26	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	25	21	---	---
Phosphorus	ppm	1817	2450	---	---
Barium	ppm	0	0	---	---
Boron	ppm	199	259	---	---

Depot: VOLVO3387
Unique No: 11126992
Signed: Jonathan Hester
Report Date: 19 Jul 2024



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GRAPHS

