



CONSTRUCTION EQUIPMENT

PASCO EXCAVATION VOLVO A30G 742628 - WET DISC BRAKE



Sample No: VCP431823
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: PASCO EXCAVATION



SAMPLE INFORMATION

Sample Number	VCP431823	VCP305194	---	---
Sample Date	16 Nov 2023	10 Mar 2021	---	---
Machine Hours	0	1862	---	---
Oil Hours	0	1862	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	49.4	39.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	14	---	---
Sodium	ppm	3	6	---	---
Potassium	ppm	3	1	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	3	13	---	---
Copper	ppm	2	299	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	10	2	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	166	3820	---	---
Magnesium	ppm	23	6	---	---
Zinc	ppm	413	1459	---	---
Phosphorus	ppm	405	1307	---	---
Barium	ppm	0	0	---	---
Boron	ppm	20	139	---	---

Depot: VOLVO0093
Unique No: 10777994
Signed: Don Baldrige
Report Date: 10 Dec 2023



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GRAPHS

