



CONSTRUCTION EQUIPMENT

VULCAN VOLVO A40G 352007 - DROP BOX



Sample No: VCP452275
Oil Type: GEAR OIL LS 80W90
Job No: VULCAN



SAMPLE INFORMATION

Sample Number	VCP452275	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	7553	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

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 1231 BRIDGESTONE PARKWAY
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OIL CONDITION

Visc @ 40°C	cSt	█ 130	---	---	---
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CONTAMINATION

Water	%	▲ 0.380	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 8	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 422	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 23	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	27	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 240	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 126	---	---	---
Phosphorus	ppm	475	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 102	---	---	---

Depot: VOLV00129
Unique No: 11009478
Signed: Don Baldrige
Report Date: 07 May 2024



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GRAPHS

