



CONSTRUCTION EQUIPMENT

GD808 PERKINS A5 VOLVO A40G 341643 - TRANSMISSION (AUTO)



Sample No: VCP345762
Oil Type: DEXRON III
Job No: GD808 PERKINS A5



SAMPLE INFORMATION

Sample Number	VCP345762	---	---	---
Sample Date	19 Jan 2022	---	---	---
Machine Hours	6738	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
 F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 26.4	---	---	---
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CONTAMINATION

Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The nickel level is abnormal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 69	---	---	---
Copper	ppm	█ 80	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 9	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	▲ 10	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	41	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 187	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 85	---	---	---

Depot: VOLVO6174
Unique No: 9828309
Signed: Jonathan Hester
Report Date: 31 Jan 2022



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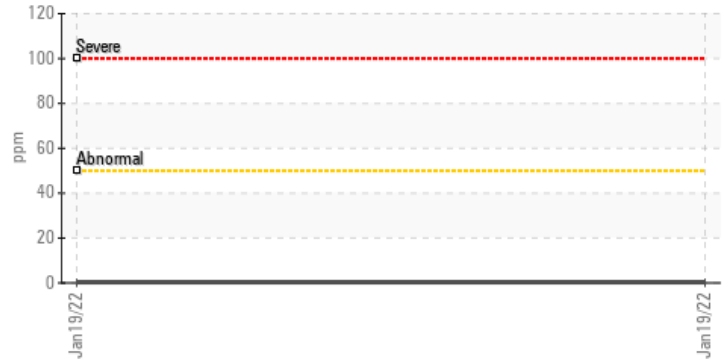


GRAPHS

Iron (ppm)



Lead (ppm)



Aluminum (ppm)



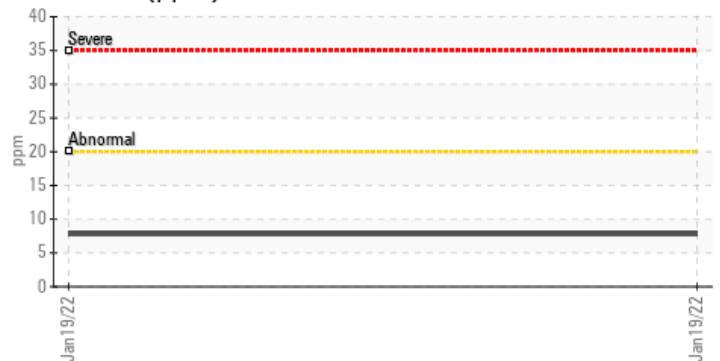
Chromium (ppm)



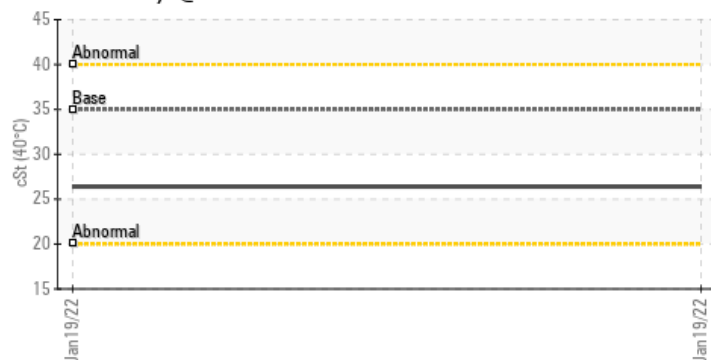
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

