

CONSTRUCTION EQUIPMENT VOLVO A45G 352357 - BRAKE COOLING SYSTEM



Sample No: VCP427073

Oil Type:	TEXACO DELO WB 102
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Job No:

SAMPLE INFORMATION Sample Number VCP427073 Sample Date 07 Aug 2023 Machine Hours 4076 Oil Hours 2000 Oil Hours 2000 Oil Changed Changed Sample Status NORMAL Visc @ 40°C cSt 50.3 Visc @ 40°C cSt 50.3 Sodium ppm 16 Sodium ppm 0 Vear METALS VEAR METALS Iron ppm 866 Lead ppm 1	
Sample Date O7 Aug 2023 Machine Hours 4076 Oil Hours 2000 Oil Changed Changed Sample Status NORMAL OIL CONDITION NORMAL Visc @ 40°C cSt 50.3 Silicon ppm 16 Sodium ppm 14 Potassium ppm 0 Iron ppm 25 Iron ppm 86 Lead ppm 1	
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Oil Hours 2000 Oil Changed Changed Sample Status NORMAL OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION Sodium ppm 16 Sodium ppm 0 Veter METALS Iron ppm 25 Read Lead ppm 11	
Oil Changed Changed Sample Status NORMAL OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION Silicon ppm 16 Sodium ppm 0 Potassium ppm 0 WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
Sample Status NORMAL OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION Silicon ppm 16 Sodium ppm 0 Potassium ppm 0 WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION Silicon ppm 16 Sodium ppm 4 Potassium ppm 0 WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION Solidium ppm 16 Potassium ppm 4 Potassium ppm 0 Potassium ppm 25 Potassium ppm 25 Potassium ppm 255 Potassium ppm 26 Potassium ppm 11 Potassium Potassi	
OIL CONDITION Visc @ 40°C cSt 50.3 CONTAMINATION	
CONTAMINATION Silicon ppm 16 Sodium ppm 4 Potassium ppm 0 WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
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CONTAMINATION Silicon ppm 16 Sodium ppm 4 Potassium ppm 0 WEAR METALS weak metal Iron ppm 25 Copper ppm 86 Lead ppm 1	
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Potassium ppm 0 WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
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WEAR METALS Iron ppm 25 Copper ppm 86 Lead ppm 1	
Copper ppm 86 Lead ppm 1	-
Lead ppm 1	
Tin ppm 0	
Aluminum ppm 🔲 <1	
Chromium ppm 🔲 <1	
Molybdenum ppm 3	
Nickel ppm 4	
Titanium ppm 0	
Silver ppm 0	
Manganese ppm 1	
Vanadium ppm 0	
Calcium ppm 3281	
Magnesium ppm 64	
Zinc ppm 1403	
Phosphorus ppm 1112	
Barium ppm 0	
Boron ppm 121	



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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. The condition of the oil is acceptable for the time in service.

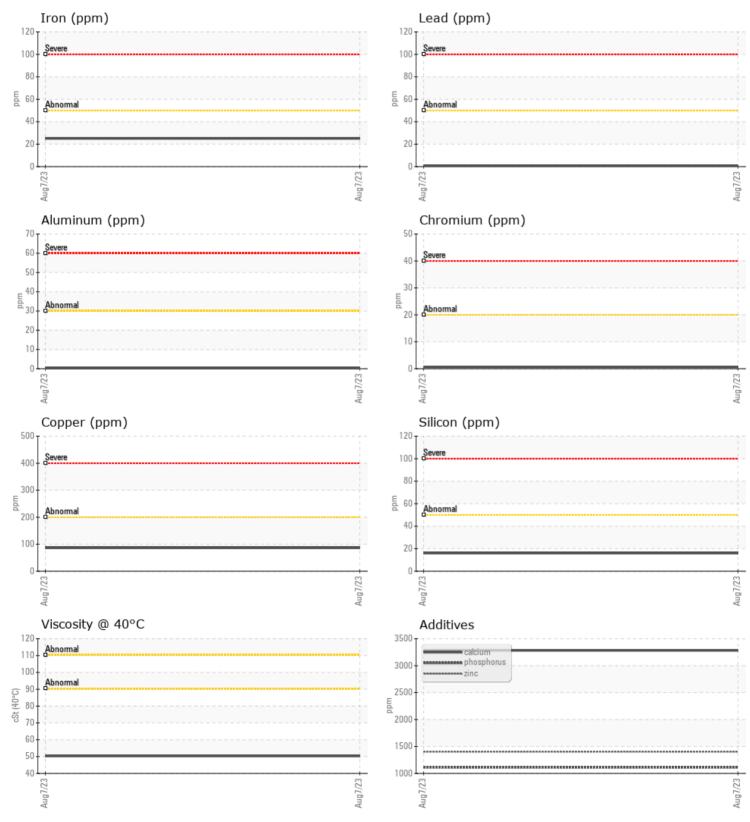
Depot:	VOLVO8881
Unique No:	10604482
Signed:	Sean Felton
Report Date:	15 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8881 [WUSCAR] 05924535 (Generated: 08/15/2023 16:25:03) Rev: 1

Contact/Location: TOMMY STANLEY - VOLVO8881