



CONSTRUCTION EQUIPMENT

JOHNSON&HERBERT VOLVO A30G 742 128 - FRONT AXLE



Sample No: PP396727
Oil Type: VOLVO
Job No: JOHNSON&HERBERT



SAMPLE INFORMATION

Sample Number	PP396727	---	---	---
Sample Date	06 Jun 2019	---	---	---
Machine Hours	1002	---	---	---
Oil Hours	1002	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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Acheson, AB

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OIL CONDITION

Visc @ 40°C	cSt	133	---	---	---
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CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	85	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	7	---	---	---
Phosphorus	ppm	1052	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	179	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was specified as VOLVO, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade on your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908

Unique No: 4889124

Signed: Kevin Marson

Report Date: 27 Jun 2019



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GRAPHS

