



CONSTRUCTION EQUIPMENT

525790 VOLVO SD115B 236585 - DRUM GEARBOX



Sample No: VCP395019
Oil Type: MOBIL SHC 630
Job No: 525790



SAMPLE INFORMATION

Sample Number	VCP395019	VCP290863	---	---
Sample Date	03 Mar 2023	16 Nov 2020	---	---
Machine Hours	3195	989	---	---
Oil Hours	3195	989	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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OIL CONDITION

Visc @ 40°C	cSt	426.4	216	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	32	20	---	---
Sodium	ppm	<1	8	---	---
Potassium	ppm	3	2	---	---

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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	41	19	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1	10	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	442	492	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	2	---	---

Depot: RIPTAM
Unique No: 10402853
Signed: Doug Bogart
Report Date: 10 Apr 2023



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GRAPHS

