

CONSTRUCTION EQUIPMENT X30119 WILD TRUCKING 342197 - DROP BOX



Sample No: VCP400859

Oil Type: GEAR OIL SAE 80W90

Job No: X30119 WILD TRUCKING

Sample Number						
Sample Date 27 Jun 2023 12 Jul 2021 15 Jun 2021 Machine Hours 9147 5443 5396 Oil Hours 0 0 0 Oil Changed N/A Changed N/A Sample Status SEVERE NORMAL SEVERE COLVO OIL CONDITION Vision Quality SEVERE NORMAL SEVERE COLVO OIL CONDITION Vision Quality SEVERE NORMAL SEVERE VISION QUALITY A 95 20 192 Sodium ppm 4 95 20 192 Sodium ppm 5 22 2 2 Volution ppm 1538 19 3461 Volution ppm 21 -1 6 Volution ppm<	SAMPLE	INFORMATION	l			
Sample Date 27 Jun 2023 12 Jul 2021 15 Jun 2021 Machine Hours 9147 5443 5396 Oil Hours 0 0 0 Oil Changed N/A Changed N/A Sample Status SEVERE NORMAL SEVERE VOLVO OIL CONDITION VIOLEO Cost 4 58.9 131 134 Sodium Ppm 4 95 20 192 Sodium Ppm 5 20 192 Potassium Ppm 5 22 2 VOLVO WEAR METALS Iron ppm 1538 19 3461 VOLVO WEAR METALS Iron ppm <1	Sample Number	<u></u>	VCP400859	VC352936	VCE113474	
Machine Hours 9147 5443 5396 Oil Hours 0 0 0 Oil Changed N/A Changed N/A Sample Status SEVERE NORMAL SEVERE OIL CONDITION Visc @ 40°C CSt 4 58.9 131 134 CONTAMINATION Silicon ppm 4 95 20 192 Sodium ppm <1			27 Jun 2023		15 Jun 2021	
Oil Changed N/A Changed N/A Sample Status SEVERE NORMAL SEVERE OIL CONDITION VOLUTION CONTAMINATION Silicon ppm 4 95 20 192 Sodium ppm 4 4 2 VOLUTION WEARMINATION Silicon ppm 95 20 192 Sodium ppm 4 4 2 VOLUTION WEARMINATION Silicon ppm 4 95 20 192 WEARMINATION WEARMINATION WEARMINATION Solicon 192 Policy WEARMINATION WEARMINATION WEARMINATION	•		9147		5396	
Oil Changed N/A Changed N/A Sample Status SEVERE NORMAL SEVERE OIL CONDITION VOLUTION CONTAMINATION Silicon ppm 4 95 20 192 Sodium ppm 4 4 2 VOLUTION WEARMINATION Silicon ppm 95 20 192 Sodium ppm 4 4 2 VOLUTION WEARMINATION Silicon ppm 4 95 20 192 WEARMINATION WEARMINATION WEARMINATION Solicon 192 Policy WEARMINATION WEARMINATION WEARMINATION	Oil Hours		0	0	0	
Sample Status				Changed	N/A	
OIL CONDITION Visc @ 40°C			SEVERE	_	SEVERE	
OIL CONDITION Visc @ 40°C cSt \$58.9 131 134 CONTAMINATION Silicon ppm \$95 20 192 Sodium ppm <1 4 2 Potassium ppm \$5 22 2 WEAR METALS Iron ppm \$1538 19 \$3461 Copper ppm 25 <1 6 Lead ppm <1 <1 0 Tin ppm <1 <1 0 Aluminum ppm <28 <1 20 Chromium ppm <18 <1 29 Molybdenum ppm <10 6 Nickel ppm <1 <1 2 Silver ppm <0						
Visc @ 40°C	OIL COND	ITION				
CONTAMINATION Silicon ppm			<u> </u>	m 131	m 134	
CONTAMINATION Soliticon ppm ▲ 95 20 192 Sodium ppm <1 4 2 Potassium ppm 5 22 2 WEAR METALS Iron ppm 1538 19 3461 Copper ppm 25 <1 6 Lead ppm <1 <1 0 Inin ppm <1 <1 0 Aluminum ppm <28 <1 20 Chromium ppm <18 <1 29 Nickel ppm <10 0 6 Nickel ppm <1 <1 2 Silver ppm <1 <1 28 Vanadium ppm <1 <1 28 <	Also G To C	CSC	_ 50.5			
Silicon ppm	VOLVO					
Sodium ppm ■ 1 ■ 4 ■ 2 Potassium ppm ■ 5 ■ 22 ■ 2 WEAR METALS Iron ppm ■ 1538 ■ 19 ■ 3461 Copper ppm ■ 25 ■ <1	CONTAM	NATION				
Potassium ppm	Silicon	ppm	△ 95	2 0	192	
WEAR METALS Iron ppm 1538 19 3461 Copper ppm 25 <1	Sodium	ppm	■ <1	4	2	
WEAR METALS Iron ppm 1538 19 3461 Copper ppm 25 <1	Potassium	ppm	5	2 2	2	
WEAR METALS Iron ppm 1538 19 3461 Copper ppm 25 <1						
Copper ppm 25 6 Lead ppm <1	WEAR MI	ETALS				
Lead ppm <1	ron	ppm	1538	□19	3461	
Tin	Copper	ppm	■ 25	- <1	6	
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Chromium ppm ▲ 18 <1 ▲ 29 Molybdenum ppm ■ 19 ■ 5 ■ 6 Nickel ppm ▲ 10 ■ 0 ■ 6 Titanium ppm <1	Γin	ppm	■<1	- <1	0	
Molybdenum ppm ■19 □5 □6 Nickel ppm ▲ 10 □0 □6 Titanium ppm <1	Aluminum	ppm	<u> </u>	- <1	2 0	
Nickel ppm ▲ 10 □ 0 □ 6 Titanium ppm <1	Chromium	ppm	<u> </u>	- <1	△ 29	
Titanium ppm <1 <1 2 Silver ppm 0 0 0 Manganese ppm 14 <1 28 Vanadium ppm <1 0 0 ADDITIVES	Molybdenum	ppm	19	5	6	
Silver ppm 0 0 0 Manganese ppm 14 <1 28 Vanadium ppm <1 0 0 ADDITIVES	Nickel	ppm	<u> </u>	0	6	
Manganese ppm 14 <1 28 Vanadium ppm <1 0 0 ADDITIVES	Γitanium	ppm	<1	<1	2	
Vanadium ppm <1 0 0 ADDITIVES	Silver	ppm	0	0	0	
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ZEVITION						
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Magnesium ppm □2 □35 □2	Magnesium		2	3 5	2	
Zinc ppm □24 □175 □19	-			■175	1 9	
Phosphorus ppm 1822 9 67 7 72	Phosphorus		■1822	■967	772	
Barium ppm □0 □0 □0	•		■0		0	
Boron ppm 161 188	Boron		161		158	



SCOTT EQUIPMENT COMPANY LLC - Baton Rouge 10160 AIRLINE HWY BATON ROUGE, LA US 70816 Contact: BRENT CALDWELL bcaldwell@scottcompanies.com T: (225)293-3683 F: (225)292-9658

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:VOLVO6242Unique No:10537454Signed:Don BaldridgeReport Date:03 Jul 2023



CONSTRUCTION EQUIPMENT





