## CONSTRUCTION EQUIPMENT SPM595489 THNB GENIE GTH-1544 GTH15M-706 - DIESEL ENGI

 Sample No:
 VCP409182

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SPM595489 THNB

VCP409182

## SAMPLE INFORMATION

Sample Number

VOLVO

Sumple Humber								
Sample Date		30 Aug 2023						
Machine Hours		437						
Oil Hours		0						
Oil Changed		Changed						
Sample Status		ATTENTION						
OIL CONDITION								
Visc @ 100°C	cSt	<b>A</b> 11.3						
Base Number (BN)	mg KOH/g	8.5						
Oxidation (PA)	%	72						
CONTAMIN	ATION							
Soot %	%	∎0.1						
Nitration (PA)	%	74						
Sulfation (PA)	%	55						
Glycol	%	NEG						
Fuel	%	0.4						
Silicon	ppm	<b>10</b>						
Sodium	ppm	3						
Potassium	ppm	<b>1</b>						

WFAR METALS

	161763			
Iron	ppm	12	 	
Copper	ppm	5	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	■44	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	0	 	

Variaulu

ADDITIVES							
Calcium	ppm	<b>1200</b>					
Magnesium	ppm	812					
Zinc	ppm	884					
Phosphorus	ppm	742					
Barium	ppm	2					
Boron	ppm	53					



#### ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD OTTAWA, IL US 61350 Contact: KEVIN SKRTICH KEVIN.SKRTICH@ALTAEQUIPMENT.COM T: E:

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO5055

 Unique No:
 10633966

 Signed:
 Sean Felton

 Report Date:
 08 Sep 2023

Report Id: VOLVO5055 [WUSCAR] 05943354 (Generated: 09/08/2023 11:48:19) Rev: 1

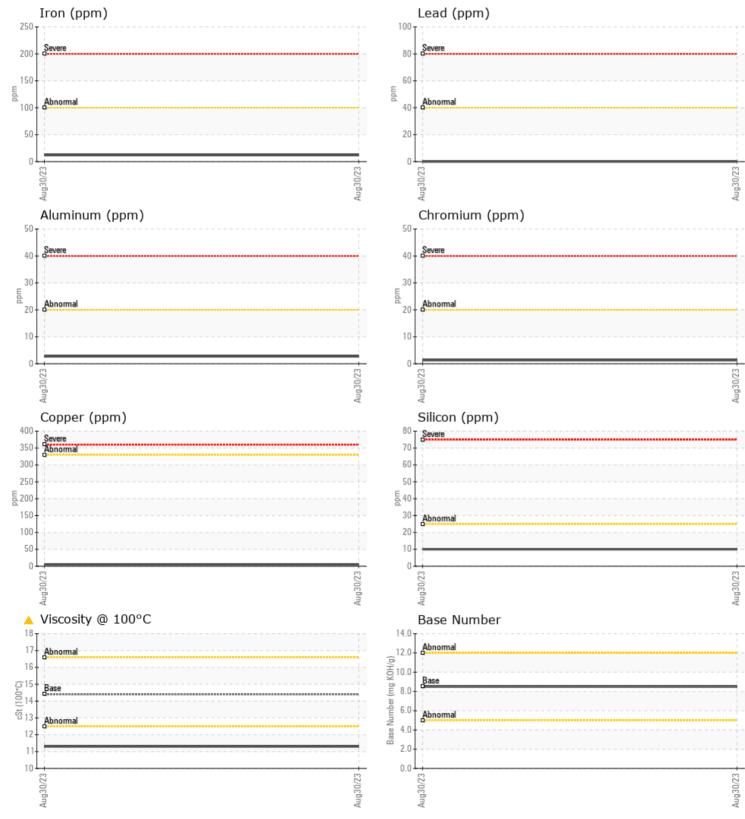
Contact/Location: KEVIN SKRTICH - VOLVO5055

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO5055 [WUSCAR] 05943354 (Generated: 09/08/2023 11:48:22) Rev: 1

Contact/Location: KEVIN SKRTICH - VOLVO5055