

# CONSTRUCTION EQUIPMENT NO UNIT 02580102 - GEAR UNIT



## Sample No: VCP

Oil Type:	NOT GIVEN

Job No:

SAMPLE INFORMATION       Sample Number     VCP          Sample Date     31 Aug 2023          Machine Hours     0          Oil Hours     0          Oil Changed     N/A          Sample Status     NORMAL          Visc @ 40°     CST     42.5          Visc @ 40°     Ppm     1          Sodium     ppm     1          Visc @ 40°     Pom     1						
Sample Date   31 Aug 2023        Machine Hours   0        Oil Hours   0        Sample Status   N/A        Sample Status   NORMAL        Visc @ 40°C   cSt   42.5        Visc @ 40°C   cSt   42.5        Sodium   ppm   13        Sodium   ppm   1        Sodium   ppm   1        Vocco   Visc @ 40°C   cSt   42.5        Sodium   ppm   13         Sodium   ppm   1         Cotor   ppm   1         Iron   ppm   0		E INFORMA <u>TION</u>	N			
Sample Date   31 Aug 2023        Machine Hours   0        Oil Hours   0        Sample Status   N/A        Sample Status   NORMAL        Visc @ 40°C   cSt   42.5        Visc @ 40°C   cSt   42.5        Sodium   ppm   13        Sodium   ppm   1        Sodium   ppm   1        Vocco   Visc @ 40°C   cSt   42.5        Sodium   ppm   13         Sodium   ppm   1         Cotor   ppm   1         Iron   ppm   0	Sample Number	-	VCP			
Machine Hours   0         Oil Hours   0   N/A        Sample Status   NORMAL        Visc @ 40°C   cSt   42.5        Silicon   ppm   13         Sodium   pm   1           Visc @ 40°C   ppm   52            Lead   ppm   0          Molybdenum   p			31 Aug 2023			
Oil Changed   N/A        Sample Status   NORMAL        Visc @ 40°C   cSt   42.5        Visc @ 40°C   cSt   42.5        CONTAMINATION         Sodium   ppm   13        Sodium   ppm   11        Verassium   ppm   <1			-			
Sample Status     NORMAL          Visc @ 40°C     cSt     42.5          Sodium     ppm     13           Potassium     ppm     1           Copper     ppm     0           Lead     ppm     0           Aluminum     ppm     1           Nokel     ppm     0        <	Oil Hours		0			
Visc @ 40°C     cSt     42.5          CONTAMINATION           Silicon     ppm     13          Sodium     ppm     1          Sodium     ppm     1          Potassium     ppm     <1	Oil Changed		N/A			
Visc @ 40°C     cSt     42.5         CONTAMINATION        Silicon     ppm     13         Sodium     ppm     1         Visc @ 40°C     cSt         CONTAMINATION       Silicon     ppm         Sodium     ppm         VEAR METALS       Iron     ppm         Copper     ppm         Iron     ppm         Iron     ppm         Iron     ppm         Iron	Sample Status		NORMAL			
OIL CONDITION       Visc @ 40°C     cSt     42.5          CONTAMINATION           Silicon     ppm     13          Sodium     ppm     1          Sodium     ppm     1          Potassium     ppm     1          WEAR METALS           Iron     ppm     52          Copper     ppm     0          Lead     ppm     0          Aluminum     ppm     1          Molybdenum     ppm     1          Nickel     ppm     0          Nickel     ppm     0						
View     CONTAMINATION       Silicon     ppm     13         Sodium     ppm     1          Sodium     ppm     1          Potassium     ppm     <1	OIL CON	DITION				
CONTAMINATION       Silicon     ppm     13          Sodium     ppm     1          Sodium     ppm     1          Potassium     ppm     <1			42.5			
CONTAMINATION       Silicon     ppm     13          Sodium     ppm     1          Potassium     ppm     <1						
Silicon     ppm     13          Sodium     ppm     1          Potassium     ppm     <1	VOLVO					
Sodium     ppm     1          Potassium     ppm     <1		MINATION		<u></u>	_	
Potassium     ppm     <1          WEAR METALS           Iron     ppm     52          Copper     ppm     61          Lead     ppm     0          Aluminum     ppm     1          Aluminum     ppm     1          Kekel     ppm     1          Molybdenum     ppm     1          Nickel     ppm     0          Silver     ppm     0          Vanadium     ppm     0          Calcium     ppm     4030          Calcium     ppm     19 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
WEAR METALS       Iron     ppm     52          Copper     ppm     C          Lead     ppm     0          Aluminum     ppm     1          Chromium     ppm     12          Molybdenum     ppm     1          Nickel     ppm     0          Nickel     ppm     0          Silver     ppm     0          Silver     ppm     0          Manganese     ppm     0          Vanadium     ppm     19          Calcium     ppm     19          Zinc     ppm     1348 <t< td=""><td></td><td>ppm</td><td></td><td></td><td></td><td></td></t<>		ppm				
WEAR METALS       Iron     ppm     52          Copper     ppm     <1	Potassium	ppm	<b>  </b> <1			
WEAR METALS       Iron     ppm     52          Copper     ppm     <1						
Copper     ppm     I          Lead     ppm     0          Tin     ppm     0          Aluminum     ppm     1          Chromium     ppm     1          Molybdenum     ppm     1          Nickel     ppm     0          Nickel     ppm     0          Silver     ppm     0          Manganese     ppm     3          Vanadium     ppm     0          Calcium     ppm     4030          Magnesium     ppm     19          Zinc     ppm     1348    <	🤍 WEAR N	METALS				
Lead   ppm   0        Tin   ppm   0        Aluminum   ppm   1        Chromium   ppm   2        Molybdenum   ppm   1        Nickel   ppm        Titanium   ppm   0        Silver   ppm   0        Manganese   ppm   0        Vanadium   ppm   0        Calcium   ppm   4030        Magnesium   ppm   19        Zinc   ppm   1348        Barium   ppm   0	Iron	ppm	52			
Tin   ppm   0       Aluminum   ppm   1       Chromium   ppm   2       Molybdenum   ppm   1       Nickel   ppm   <1	Copper	ppm	<b>■</b> <1			
Aluminum   ppm   1       Chromium   ppm   2       Molybdenum   ppm   1       Nickel   ppm       Titanium   ppm       Silver   ppm   0       Manganese   ppm   3       Vanadium   ppm   0       Vanadium   ppm   4030       Calcium   ppm   19       Magnesium   ppm   19       Zinc   ppm   1568       Phosphorus   ppm   0       Barium   ppm   0	Lead	ppm	0			
Chromium     ppm     2          Molybdenum     ppm     1          Nickel     ppm	Tin	ppm	0			
Molybdenum     ppm     1         Nickel     ppm     <1	Aluminum	ppm	<b>1</b>			
Nickel     ppm     <1          Titanium     ppm     0          Silver     ppm     0          Manganese     ppm     3          Vanadium     ppm     0          ADDITIVES           Calcium     ppm     4030          Magnesium     ppm     19          Zinc     ppm     1348          Barium     ppm     0	Chromium	ppm	2			
Titanium   ppm   0        Silver   ppm   0        Manganese   ppm   3        Vanadium   ppm   0        Vanadium   ppm   0        ADDITIVES         Calcium   ppm   4030        Magnesium   ppm   19        Zinc   ppm   1568        Phosphorus   ppm   0        Barium   ppm   0	Molybdenum	ppm	1			
Silver     ppm     0          Manganese     ppm     3          Vanadium     ppm     0          Vanadium     ppm     0          ADDITIVES           Calcium     ppm     4030          Magnesium     ppm     19          Zinc     ppm     1568          Phosphorus     ppm     0          Barium     ppm     0	Nickel	ppm	<b>□</b> <1			
Manganese     ppm     3          Vanadium     ppm     0          ADDITIVES            Calcium     ppm     4030          Magnesium     ppm     19          Zinc     ppm     1568          Phosphorus     ppm     1348          Barium     ppm     0	Titanium	ppm	0			
Vanadium     ppm     0          ADDITIVES            Calcium     ppm     4030           Magnesium     ppm     19           Zinc     ppm     1568           Phosphorus     ppm     1348           Barium     ppm     0	Silver	ppm	0			
ADDITIVES     4030          Calcium     ppm     4030          Magnesium     ppm     19          Zinc     ppm     1568          Phosphorus     ppm     1348          Barium     ppm     0		ppm				
ADDITIVES       Calcium     ppm     4030         Magnesium     ppm     19         Zinc     ppm     1568         Phosphorus     ppm     1348         Barium     ppm     0	Vanadium	ppm	0			
ADDITIVES       Calcium     ppm     4030         Magnesium     ppm     19         Zinc     ppm     1568         Phosphorus     ppm     1348         Barium     ppm     0						
Magnesium     ppm     19         Zinc     ppm     1568          Phosphorus     ppm     1348          Barium     ppm     0		VES				
Magnesium     ppm     19         Zinc     ppm     1568          Phosphorus     ppm     1348          Barium     ppm     0	Calcium	ppm	4030			
Zinc     ppm     1568          Phosphorus     ppm     1348          Barium     ppm     0						
Phosphorus     ppm     1348          Barium     ppm     0						
Barium ppm <b>0</b>						
			0			
	Boron	ppm	122			



#### Strongco Equipment

5179 Fountain St N. Breslau, ON CA N0B 1M0 Contact: Villamor Pingol vpingol@strongco.com T: (519)744-3518 F: (519)744-3284

### Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with 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. The condition of the oil is acceptable for the time in service.

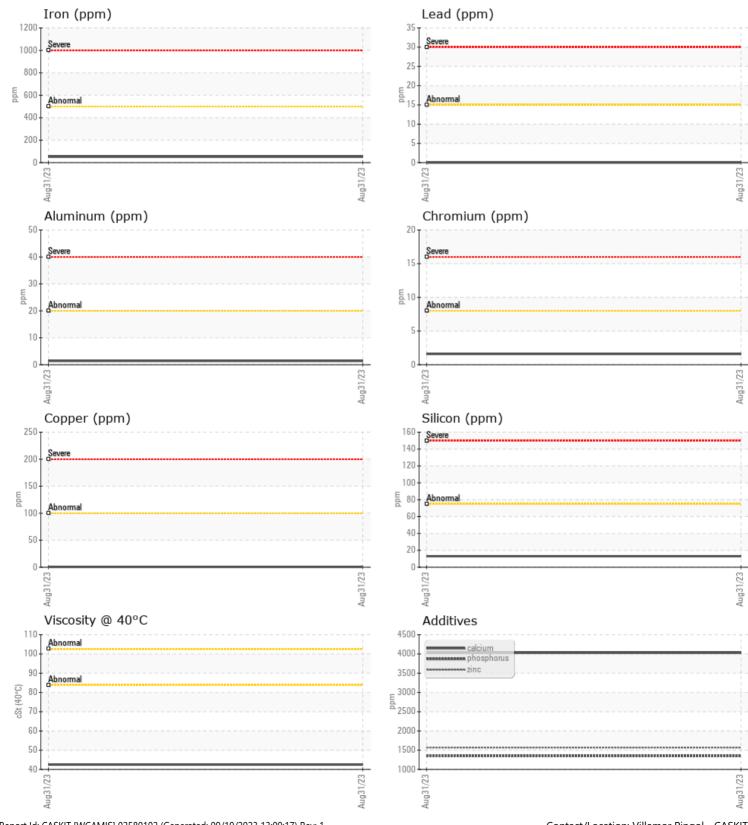
Depot:	CASKIT
Unique No:	5633162
Signed:	Kevin Marson
Report Date:	05 Sep 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: CASKIT [WCAMIS] 02580102 (Generated: 09/19/2023 13:09:17) Rev: 1

Contact/Location: Villamor Pingol - CASKIT