

# **CONSTRUCTION EQUIPMENT**

134065 INTEGRATED TR ALJON 30135 - HYDRAULIC SYSTEM

Sample No: VCP416025

Oil Type: AW HYDRAULIC OIL ISO 32

Job No: 134065 INTEGRATED TR

SAMPLE INFORMATION   Sample Number   VCP416025   VCP424570						
Sample Number   VCP416025   VCP424570     Sample Date   25 Aug 2023   09 Jun 2023	CVMDIEIN	JEODMATION				
Sample Date   25 Aug 2023   09 Jun 2023		IT UNITIA I TUN		_		
Machine Hours	•					
Coll Hours	Sample Date		25 Aug 2023	09 Jun 2023		
Changed   Changed   Not Changed   Not Changed   Changed   NORMAL   NORMAL	Machine Hours					
Sample Status	Oil Hours					
Volvo   Oil Condition   Visc @ 40°C   CSt   29.9   30.1	Oil Changed		Changed	Not Changd		
OIL CONDITION           Visc @ 40°C         cSt         ■29.9         ■30.1             Acid Number (AN)         mg KOH/g         ■0.41         ■0.42             CONTAMINATION           Particles > 4µm         ■623         ■343             Particles > 6µm         ■121         ■81             Particles > 6µm         ■11         ■13             Particles > 14µm         ■11         ■13             Isilicon         ppm         ■2         ■2             Sodium         ppm         ■1         ■0             Sodium         ppm         ■1         ■2             Potassium         ppm         ■1         ■2             Volvo         WEAR METALS              Iron         ppm         ■1         ■1             Copper         ppm         ■4         -1 <td>Sample Status</td> <td></td> <th>NORMAL</th> <td>NORMAL</td> <td></td> <td></td>	Sample Status		NORMAL	NORMAL		
OIL CONDITION           Visc @ 40°C         cSt         ■29.9         ■30.1             Acid Number (AN)         mg KOH/g         ■0.41         ■0.42             CONTAMINATION           Particles > 4µm         ■623         ■343             Particles > 6µm         ■121         ■81             Particles > 6µm         ■11         ■13             Particles > 14µm         ■11         ■13             Isilicon         ppm         ■2         ■2             Sodium         ppm         ■1         ■0             Sodium         ppm         ■1         ■2             Potassium         ppm         ■1         ■2             Volvo         WEAR METALS              Iron         ppm         ■1         ■1             Copper         ppm         ■4         -1 <td></td> <td></td> <th></th> <td></td> <td></td> <td></td>						
Visc @ 40°C	VII LUNDI.	TION				
CONTAMINATION   CONTAMINATIO				m 20.1	_	_
CONTAMINATION  Particles > 4µm			_			
CONTAMINATION   CONTAMINATION	Acid Number (AN)	mg KOH/g	<b>U.4</b> I	0.42		
Particles >4µm	VOLVO					
Particles > 6µm	CONTAMIN	IATION				
Particles > 14µm	Particles >4µm		<b>623</b>	□343		
Solition   ppm   2	Particles >6µm		<b>121</b>	■81		
Solium ppm	Particles >14µm		<b>11</b>	<b>1</b> 3		
Sodium	ISO 4406:1999 (c)		16/14/11	16/14/11		
WEAR METALS           Iron         ppm         15         13             Copper         ppm         8         7             Lead         ppm         0         <1	Silicon	ppm	<b>2</b>	<b>2</b>		
WEAR METALS           Iron         ppm         15         13             Copper         ppm         8         7             Lead         ppm         <1	Sodium	ppm	<b>1</b>	<b>0</b>		
WEAR METALS           Iron         ppm         15         13             Copper         ppm         8         7             Lead         ppm         <1	Potassium	ppm	<b>1</b>	<b>2</b>		
WEAR METALS           Iron         ppm         15         13             Copper         ppm         8         7             Lead         ppm         <1						
Tron	WEAR ME	ΤΔΙς				
Copper         ppm         8         7             Lead         ppm         <1	_		<b>— 1</b> F	m 12		
Lead         ppm         <1						
Tin ppm 0 1 Aluminum ppm 1 < 1 0 Chromium ppm 0 0 0    Molybdenum ppm 0 1 < 1    Nickel ppm 0 0 0    Titanium ppm 0 0 0    Silver ppm 0 0 0    Manganese ppm 1 < 1 < 1    Vanadium ppm 0 0	•					
Aluminum ppm			_	_		
Chromium         ppm         0             Molybdenum         ppm         <1						
Molybdenum         ppm         <1			_			
Nickel         ppm         0         <1             Titanium         ppm         0         0             Silver         ppm         0         0             Manganese         ppm         <1         <1             Vanadium         ppm         0         0						
Titanium         ppm         0         0             Silver         ppm         0         0             Manganese         ppm         <1         <1             Vanadium         ppm         0         0	<del>-</del>		_			
Silver         ppm         0             Manganese         ppm         < 1             Vanadium         ppm         0         0						
Manganese         ppm         <1         <1             Vanadium         ppm         0         0						
Vanadium ppm 0 0						
VOLVO			_			
ADDITIVES	Vanadium	ppm	0	Ü		
ADDITIVES	VOLVO					
	ADDITIVE:	3				

70

8

455

336

2



### ROMCO INC 1519 W BELTLINE CARROLLTON, TX US 75006 Contact: KEVIN CONNOR kconnor@romco.com T: (817)980-4947 F: (214)819-4131

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0015

 Unique No:
 10643163

 Signed:
 Wes Davis

 Report Date:
 12 Sep 2023

**64** 

**3** 

**443** 

■353

**0** 

**0** 

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus



# **CONSTRUCTION EQUIPMENT**





#### GRAPHS

