

HYUNDAI HYUNDAI - Hydraulic System

Sample No: LH0272965

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Oil Type: SHELL HYDRAULIC S1 M 68

SAMPLE INFORMATION

Sample Number	LH0272965	 	
Sample Date	03 Jan 2024	 	
Machine Hours	0	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	ABNORMAL	 	

OIL CO	DNDITION			
Visc @ 40°C	cSt	62.1	 	
Acid Number (AN)	mg KOH/g	0.40	 	

Water	%	0.717			
Silicon	ppm	○ <1			
Sodium	ppm	0			
Potassium	ppm	<mark></mark> <1			
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O WF	AR META	LS			
Iron	ppm	03			
Copper	ppm	<mark></mark> <1			
Lead	ppm	0 🔘			
Tin	ppm	○ <1			
Aluminum	ppm	0 2			
Chromium	ppm	<mark></mark> <1			
Molybdenum	ppm	○ <1			
Nickel	ppm	0			
Titanium	ppm	<1			
Silver	ppm	0			
Manganese	ppm	0			
Vanadium	ppm	0			

٥ **ADDITIVES** Calcium 0 16 ppm Magnesium 60 ppm Zinc ppm 0 374 Phosphorus 0 330 ppm Barium ppm 0 🔘 Boron ppm 0





Wilmington Iron & Metal Company Inc 2149 US Route Wilmington, OH CA 45177 Contact: Maintenance Manager

T: F:

Diagnosis

We advise that you check for the source of water entry. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor. There is too much water present in this sample to perform a particle count.All component wear rates are normal. Appearance is milky. There is a moderate concentration of water present in the oil. The AN level is acceptable for this fluid.

Depot:	WIL214WIL
Unique No:	10830096
Signed:	Don Baldridge
Report Date:	14 Jan 2024

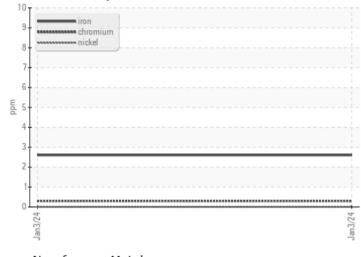




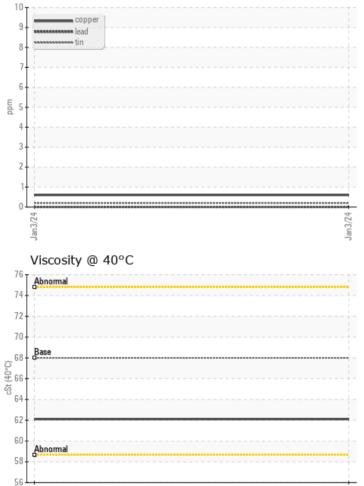
Ferrous Alloys

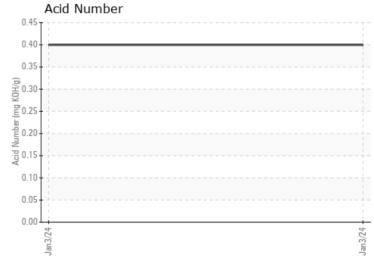
GRAPHS

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Non-ferrous Metals





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