

OIL ANALYSIS REPORT

Ventra Plastics - V00400 A2406080

Hydraulic System

AW HYDRAULIC OIL ISO 46 (--- GAL)

Sample Rating Trend **WATER**

DIAGNOSIS

Contamination

Water and ppm water, ppm water and ppm water contamination levels are severe. Potassium ppm levels are notably high.

				Jun 2024		
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Batch #		Client Info		2024 06 0130		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Initial		
Sent to WC		Client Info		06/11/2024		
Sample Number		Client Info		E30002373		
Sample Date		Client Info		11 Jun 2024		
J .	hrs	Client Info		0		
	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				SEVERE		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	11		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>20	1		
Copper	ppm	ASTM D5185(m)	>20	4		
	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	3		
Barium	ppm	ASTM D5185(m)	5	9		
Molybdenum	ppm	ASTM D5185(m)	5	0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	25	<1		
	ppm	ASTM D5185(m)	200	7		
Phosphorus	ppm	ASTM D5185(m)	300	388		
	ppm	ASTM D5185(m)	370	375		
	ppm	ASTM D5185(m)	2500	1144		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	0		
	ppm	ASTM D5185(m)		8		
	ppm	ASTM D5185(m)	>20	<u> </u>		
	%	ASTM D6304*	>0.05	1.643		

ASTM D6304* >500

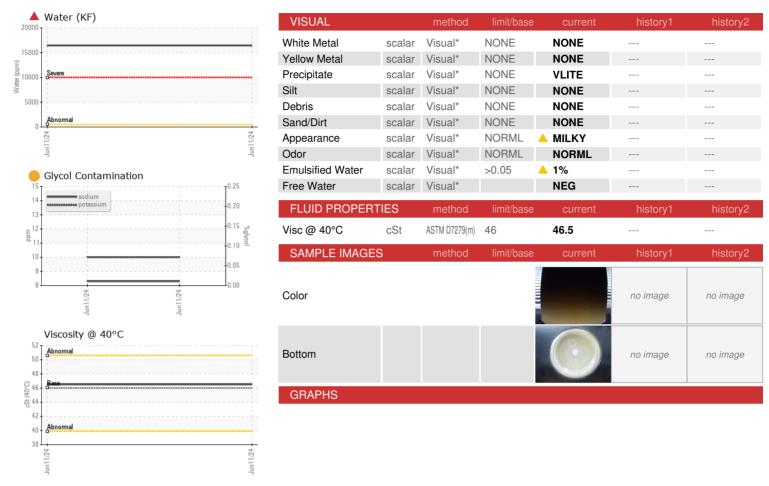
ppm

16439

ppm Water



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ISO 17025:2017
Accredited
Laboratory

Laboratory: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Sample No.**: E30002373 **Received**: 13 Jun 2024

: 14 Jun 2024

: 17 Jun 2024 - Tatiana Sorkina

Lab Number : 02641850 Tested
Unique Number : 5799389 Diagnosed

Test Package: TEST (Additional Tests: ICP, KF, KV40, Spat)
To discuss this sample report, contact Customer Service at 1-905-372-2251.

Environmental 360 Solutions Ltd.

640 Victoria Street Cobourg, ON CA K9A 5H5

Contact: Tatiana Sorkina tsorkina@e360s.ca T: (800)263-3939 F: (905)373-4950

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.