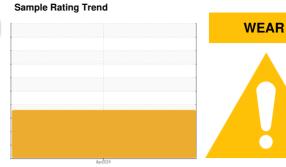


OIL ANALYSIS REPORT

Metex - M00800 A2404005

Quench Oil

{not provided} (--- GAL)



DIAGNOSIS

Recommendation

The sample submitted is much dirtier than the ISO dirt count recommendation of 19/16/14.

NOTE: Obtaining a particle count required three retests. This is an odd fluid.

Iron ppm levels are noted.

Contamination

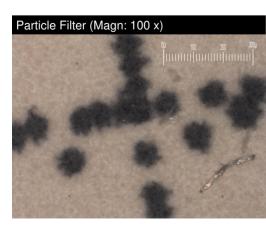
Oil Cleanliness are abnormally high. Particles >71µm are abnormally high. Particles >14µm are abnormally high. Particles >21µm are abnormally high. Particles >38µm are abnormally high. Particles >6µm are abnormally high. Particles >4µm are notably high.

SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Batch #		Client Info		2024 03 0141		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Final		
Sent to WC		Client Info		04/01/2024		
Sample Number		Client Info		E30001780		
Sample Date		Client Info		01 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2

				,	,
Iron	ppm	ASTM D5185(m)	<u> </u>		
Chromium	ppm	ASTM D5185(m)	0		
Nickel	ppm	ASTM D5185(m)	0		
Titanium	ppm	ASTM D5185(m)	0		
Silver	ppm	ASTM D5185(m)	0		
Aluminum	ppm	ASTM D5185(m)	0		
Lead	ppm	ASTM D5185(m)	0		
Copper	ppm	ASTM D5185(m)	<1		
Tin	ppm	ASTM D5185(m)	0		
Antimony	ppm	ASTM D5185(m)	0		
Vanadium	ppm	ASTM D5185(m)	0		
Beryllium	ppm	ASTM D5185(m)	0		
Cadmium	ppm	ASTM D5185(m)	0		

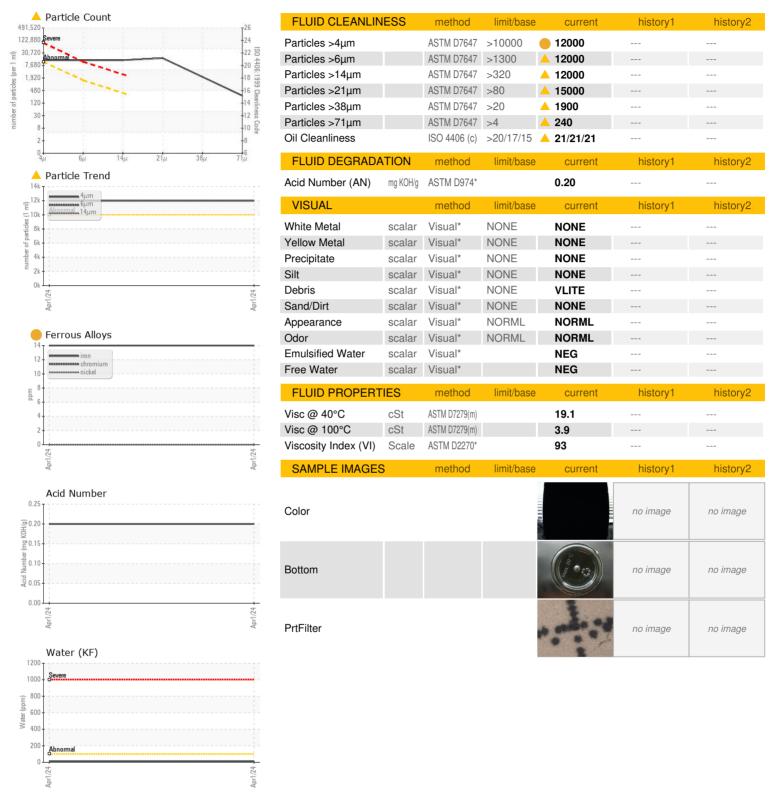
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		1		
Calcium	ppm	ASTM D5185(m)		12		
Phosphorus	ppm	ASTM D5185(m)		8		
Zinc	ppm	ASTM D5185(m)		11		
Sulfur	ppm	ASTM D5185(m)		441		
Lithium	ppm	ASTM D5185(m)		<1		

Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<1		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*		0.00		
ppm Water	ppm	ASTM D6304*		<10		





OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02626153 Unique Number : 5759285

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30001780 Received

: 02 Apr 2024 Tested : 10 Apr 2024 Diagnosed

: 11 Apr 2024 - Tatiana Sorkina

640 Victoria Street Cobourg, ON **CA K9A 5H5**

tsorkina@e360s.ca

Environmental 360 Solutions Ltd.

Test Package: IND 2 (Additional Tests: KF, KV100, PrtCount, PrtFilter, PRTFILTERPREP, TAN Marchitact: Tatiana Sorkina To discuss this sample report, contact Customer Service at 1-905-372-2251. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

T: (800)263-3939 Validity of results and interpretation are based on the sample and information as supplied. F: (905)373-4950