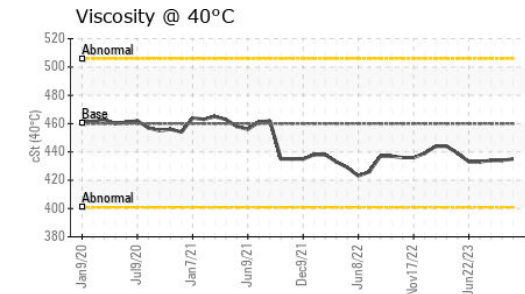
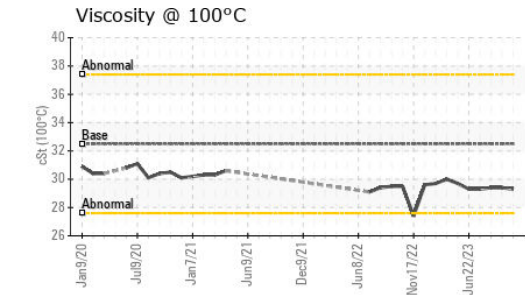
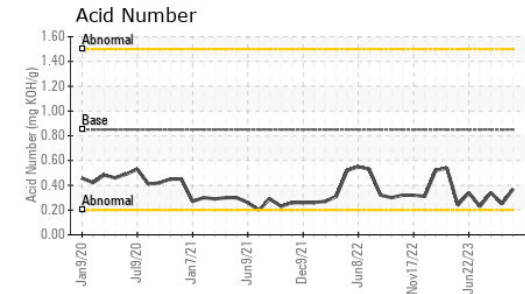
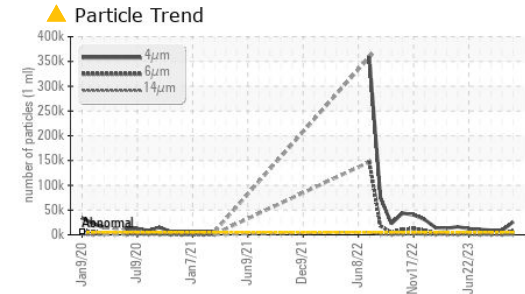
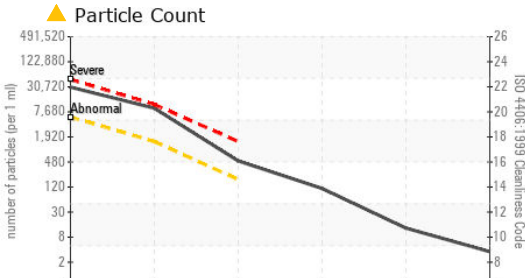




OIL ANALYSIS REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **ALGOMA STEEL INC. - STORES DEPT.**
Sample No. : WC0837558 **Received** : 22 Jan 2024 301 WALLACE TERRACE
Lab Number : 02610345 **Diagnosed** : 23 Jan 2024 SAULT STE MARIE, ON
Unique Number : 5711431 **Diagnostician** : Kevin Marson CA P6C 1K8
Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, TAN Man, VI) Contact: Algoma Reliability

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 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.

algomareliability@algoma.com
 T: (705)206-1059
 F: (705)945-3585

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	▲ 26124	▲ 8035	▲ 9179
Particles >6µm	ASTM D7647	>1300	▲ 8173	▲ 2052	▲ 2262
Particles >14µm	ASTM D7647	>160	▲ 447	100	90
Particles >21µm	ASTM D7647	>40	▲ 98	27	21
Particles >38µm	ASTM D7647	>10	11	7	2
Particles >71µm	ASTM D7647	>3	3	▲ 6	1
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 22/20/16	▲ 20/18/14	▲ 20/18/14

FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	2.8	2.7	2.8
Acid Number (AN)	mg KOH/g	ASTM D974*	0.37	0.25	0.34

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	NEG	NEG	NEG
Free Water	scalar	Visual*	NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	460	435	434
Visc @ 100°C	cSt	ASTM D7279(m)	32.5	29.3	29.4
Viscosity Index (VI)	Scale	ASTM D2270*	103	95	95

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					