

OIL ANALYSIS REPORT

Direct Strip Mill/Finishing HSM GLYCOL EAST BULK TANK (S/N DSC 195)

Hydraulic System

HOUGHTON HOUGHTON SAFE 616 (--- GAL)

DIAGNOSIS

Recommendation

Due to the low reserve alkalinity it is advised that you contact HOUGHTON to assist in restoring the proper amine concentration. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

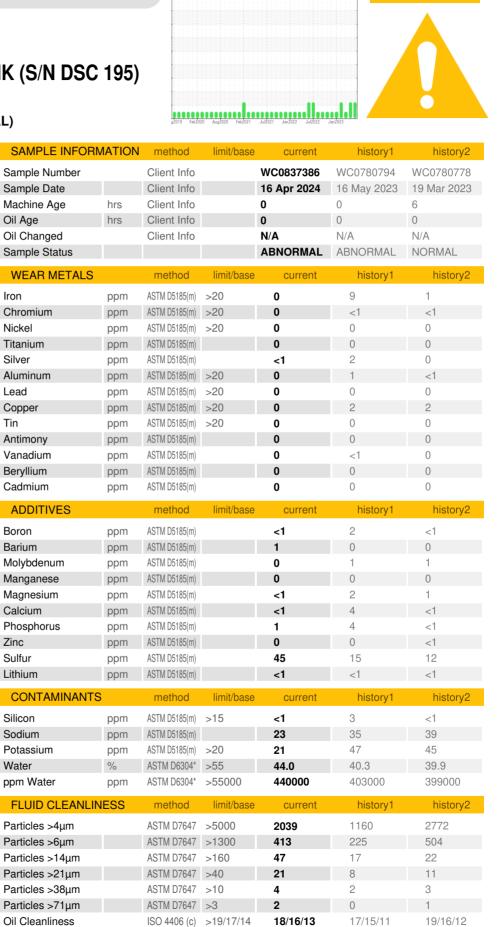
All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Fluid Condition

The reserve alkalinity of this fluid is lower than acceptable. The AN level is acceptable for this fluid. The pH level of this fluid is within the acceptable limits. The water concentration level is acceptable for this fluid.



Sample Rating Trend

DEGRADATION

Contact/Location: Maintenance Technology - Algoma Reliability - ALGSSM Page 1 of 2



OIL ANALYSIS REPORT

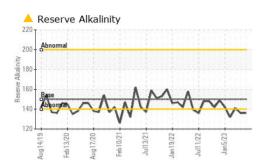
mg KOH/g

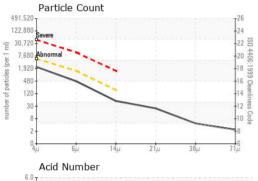
Alkiline Reserve (Oils) ml KOH/g ASTM D1121* 150

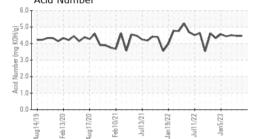
FLUID DEGRADATION

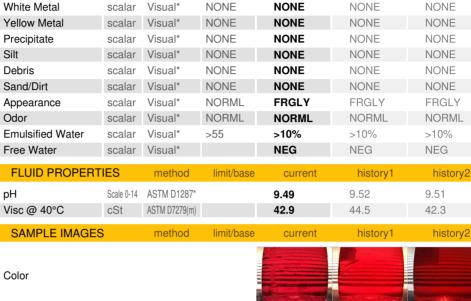
Acid Number (AN)

VISUAL









limit/base

limit/base

current

current

4.46

136

method

ASTM D974*

method

history1

history

4.46

136

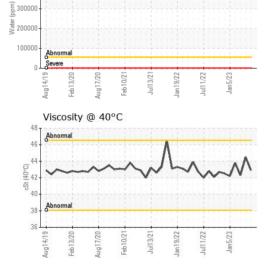
history2

history2

4.51

141

Bottom





Water (KF)

50000 40000

> Laboratory CALA Sample No. Lab Number : 02630792 ISO 17025:2017 Accredited Unique Number : 5763924 Laboratory

: WC0837386 Received Tested Diagnosed Test Package : IND 2 (Additional Tests: KF, pH, ReserveAlk, TAN Man)

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

: 22 Apr 2024

: 30 Apr 2024

: 30 Apr 2024 - Kevin Marson

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.

ALGOMA STEEL INC. - STORES DEPT. 301 WALLACE TERRACE SAULT STE MARIE, ON CA P6C 1K8 Contact: Algoma Reliability algomareliability@algoma.com T: (705)206-1059 F: (705)945-3585

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Contact/Location: Maintenance Technology - Algoma Reliability - ALGSSM