WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Scissor Decks

XLIFT192
Component

Rear Differential

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--|---|--|--|--|---|
| Sample Number | | Client Info | | PC0084787 | | |
| Sample Date | | Client Info | | 16 May 2024 | | |
| Machine Age | hrs | Client Info | | 3495 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Filter Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| - | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| Iron | ppm | ASTM D5185(m) | >500 | 82 | | |
| Chromium | ppm | ASTM D5185(m) | >10 | <1 | | |
| Nickel | ppm | ASTM D5185(m) | >10 | <1 | | |
| Titanium | ppm | ASTM D5185(m) | | 0 | | |
| Silver | ppm | ASTM D5185(m) | | 0 | | |
| Aluminum | ppm | ASTM D5185(m) | >25 | 1 | | |
| Lead | ppm | ASTM D5185(m) | >25 | 0 | | |
| Copper | ppm | ASTM D5185(m) | >100 | <1 | | |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | | |
| | ppm | ASTM D5185(m) | | 0 | | |
| | scalar | Visual* | NONE | VLITE | | |
| Yellow Metal | scalar | Visual* | NONE | NONE | | |
| Silicon | ppm | ASTM D5185(m) | >75 | 8 | | |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | | |
| Water | | WC Method | >.2 | NEG | | |
| Silt | scalar | Visual* | NONE | VLITE | | |
| Debris | scalar | Visual* | NONE | NONE | | |
| Sand/Dirt | scalar | Visual* | NONE | NONE | | |
| Appearance | scalar | Visual* | NORML | NORML | | |
| Odor | scalar | Visual* | NORML | NORML | | |
| Emulsified Water | scalar | Visual* | >.2 | NEG | | |
| Sodium | ppm | ASTM D5185(m) | | 1 | | |
| Boron | ppm | ASTM D5185(m) | | 90 | | |
| Barium | ppm | ASTM D5185(m) | | <1 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | | |
| Manganese | ppm | ASTM D5185(m) | | 1 | | |
| Magnesium | ppm | ASTM D5185(m) | | 10 | | |
| Calcium | ppm | ASTM D5185(m) | | 1478 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 971 | | |
| Zinc | ppm | ASTM D5185(m) | | 574 | | |
| Sulfur | ppm | ASTM D5185(m) | | 11847 | | |
| Visc @ 40°C | cSt | ASTM D7279(m) | | 85.2 | | |
| - | | | | 11.2 | | |
| | Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur | Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Manganese ppm Manganese ppm Manganese ppm Manganese ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm Sulfur ppm | Sample Number Sample Date Client Info Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Cilent Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) Titanium ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Copper ppm ASTM D5185(m) Tin ppm ASTM D5185(m) Vanadium ppm ASTM D5185(m) Valie Visual* Yellow Metal Scalar Visual* Silicon ppm ASTM D5185(m) Vater WC Method Silt Scalar Visual* Sand/Dirt Appearance Scalar Visual* Sand/Dirt Appearance Scalar Visual* Sand/Dirt Scalar Visual* Sand/Dirt Appearance Scalar Visual* Sodium ppm ASTM D5185(m) Boron ppm ASTM D5185(m) Barium ppm ASTM D5185(m) | Sample Number Sample Date Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Filter Changed Sample Status Iron Chromium Dpm ASTM D5185(m) Nickel Dpm ASTM D5185(m) Silver Aluminum Dpm ASTM D5185(m) Aluminum Dpm ASTM D5185(m) AMANGANEA ASTM D5185(m) AMANGANEA ASTM D5185(m) ASTM D518 | Sample Number Client Info PC0084787 Sample Date Client Info 16 May 2024 Machine Age hrs Client Info 3495 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185(m) >500 82 Chromium ppm ASTM D5185(m) >10 <1 | Sample Number Client Info PC0084787 Sample Date Client Info 16 May 2024 Machine Age hrs Client Info 3495 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185(m) >500 82 Chromium ppm ASTM D5185(m) >10 <1 |

Viscosity Index (VI) Scale ASTM D2270*

Submitted By: Edward Katic





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: PC0084787

: 02638569 Unique Number : 5787731

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 29 May 2024 **Tested**

Diagnosed Test Package : MOB 1 (Additional Tests: KV100, VI)

: 30 May 2024 : 30 May 2024 - Kevin Marson **Lakeshore Gold Timmins West**

CA Contact: Dale Arseneau

darseneau@ca.panamericansilver.com T: (705)269-4344

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.

F:

Timmins, ON