

## Area System 71 - Main Power Generation Z-7101B Hydraulic Start Oil Train B

Hydraulic System

**IRVING HYDRAULIC OIL LP 32 (290 LTR)** 

#### DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

#### 📥 Wear

Lead ppm levels are abnormal.

### Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

#### Fluid Condition

Viscosity of sample indicates oil is within ISO 22 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



Sample Rating Trend













# **OIL ANALYSIS REPORT**

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.40	0.53	0.48
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.05	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	<mark> </mark> 24.2	<b>2</b> 3.7	▲ 24.8
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						

Bottom



: 18 Jul 2024

: 19 Jul 2024



Laboratory CALA Sample No. Lab Number ISO 17025:2017 Accredited Laboratory Unique Number : 5814248

Test Package : MAR 2 (Additional Tests: Bottom, KF) 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.

: PP

: 02648696

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

Received

Diagnosed

Tested

**HIBERNIA MGMT & DEVELOPMENT CO. LTD** SUITE 1000,, 100 NEW GOWER STREET ST.JOHNS, NL : 21 Jul 2024 - Kevin Marson CA A1C 6K3 Contact: Sam Nash samantha.m.nash@exxonmobil.com T: F: (709)722-3766 Submitted By: ?

Report Id: HIBSTJ [WCAMIS] 02648696 (Generated: 07/21/2024 16:58:07) Rev: 1