OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area
Panolam - D01600
Machine Id
A2401101
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 68 (--- GAL)

DIAGNOSIS

Recommendation
This is a baseline read-out on the submitted sample.

Wear
Copper, iron and lead ppm levels are noted.

Contamination
{not applicable}

Fluid Condition
{not applicable}

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Batch #	Client Info		**2024 01 0290**	---	---
Department	Client Info		**Production**	---	---
Sample From	Client Info		**Machine**	---	---
Production Stage	Client Info		**Initial**	---	---
Sent to WC	Client Info		**01/19/2024**	---	---
Sample Number	Client Info		**E30001213**	---	---
Sample Date	Client Info		**19 Jan 2024**	---	---
Machine Age	hrs Client Info		**0**	---	---
Oil Age	hrs Client Info		**0**	---	---
Oil Changed	Client Info		**N/A**	---	---
Sample Status			**NORMAL**	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.05	**NEG**	---	---
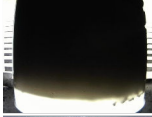
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	**23**	---	---
Chromium	ppm	ASTM D5185(m)	>10	**<1**	---	---
Nickel	ppm	ASTM D5185(m)	>10	**<1**	---	---
Titanium	ppm	ASTM D5185(m)		**0**	---	---
Silver	ppm	ASTM D5185(m)		**0**	---	---
Aluminum	ppm	ASTM D5185(m)	>10	**3**	---	---
Lead	ppm	ASTM D5185(m)	>20	**11**	---	---
Copper	ppm	ASTM D5185(m)	>20	**41**	---	---
Tin	ppm	ASTM D5185(m)	>10	**<1**	---	---
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)	5	**2**	---	---
Barium	ppm	ASTM D5185(m)	5	**0**	---	---
Molybdenum	ppm	ASTM D5185(m)	5	**0**	---	---
Manganese	ppm	ASTM D5185(m)		**<1**	---	---
Magnesium	ppm	ASTM D5185(m)	25	**20**	---	---
Calcium	ppm	ASTM D5185(m)	200	**79**	---	---
Phosphorus	ppm	ASTM D5185(m)	300	**530**	---	---
Zinc	ppm	ASTM D5185(m)	370	**568**	---	---
Sulfur	ppm	ASTM D5185(m)	2500	**1646**	---	---
Lithium	ppm	ASTM D5185(m)		**<1**	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	**7**	---	---
Sodium	ppm	ASTM D5185(m)		**6**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**2**	---	---

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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	---	---
Yellow Metal	scalar	Visual*	NONE	**NONE**	---	---
Precipitate	scalar	Visual*	NONE	**NONE**	---	---
Silt	scalar	Visual*	NONE	**NONE**	---	---
Debris	scalar	Visual*	NONE	**NONE**	---	---
Sand/Dirt	scalar	Visual*	NONE	**VLITE**	---	---
Appearance	scalar	Visual*	NORML	**WGOIL**	---	---
Odor	scalar	Visual*	NORML	**NORML**	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS