OIL ANALYSIS REPORT

E360S — ENVIRONMENTAL 360 SOLUTIONS

Sample Rating Trend

Jan 2024

NORMAL

Area
Ventra Plastics - V00400
Machine Id
A2401061
Component
Hydraulic System
Fluid
{not provided} (--- GAL)

DIAGNOSIS

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

Wear
Iron ppm levels are noted.

Contamination
{not applicable}

Fluid Condition
{not applicable}

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Batch #	Client Info		**2023 12 0430**	---	---
Department	Client Info		**Production**	---	---
Sample From	Client Info		**Machine**	---	---
Production Stage	Client Info		**Initial**	---	---
Sent to WC	Client Info		**01/10/2024**	---	---
Sample Number	Client Info		**E30001137**	---	---
Sample Date	Client Info		**10 Jan 2024**	---	---
Machine Age	hrs Client Info		**0**	---	---
Oil Age	hrs Client Info		**0**	---	---
Oil Changed	Client Info		**N/A**	---	---
Sample Status			**NORMAL**	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	**13**	---	---
Chromium	ppm	ASTM D5185(m)	>10	**0**	---	---
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	**1**	---	---
Lead	ppm	ASTM D5185(m)	>20	**5**	---	---
Copper	ppm	ASTM D5185(m)	>20	**6**	---	---
Tin	ppm	ASTM D5185(m)	>10	**0**	---	---
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)		**<1**	---	---
Barium	ppm	ASTM D5185(m)		**9**	---	---
Molybdenum	ppm	ASTM D5185(m)		**0**	---	---
Manganese	ppm	ASTM D5185(m)		**0**	---	---
Magnesium	ppm	ASTM D5185(m)		**<1**	---	---
Calcium	ppm	ASTM D5185(m)		**11**	---	---
Phosphorus	ppm	ASTM D5185(m)		**398**	---	---
Zinc	ppm	ASTM D5185(m)		**385**	---	---
Sulfur	ppm	ASTM D5185(m)		**1014**	---	---
Lithium	ppm	ASTM D5185(m)		**<1**	---	---

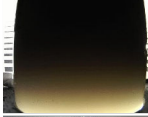| CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	**2**	---	---
Sodium	ppm	ASTM D5185(m)		**5**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**2**	---	---
Water	%	ASTM D6304*	>0.05	**NEG**	---	---

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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	**LIGHT**	---	---
Silt	scalar	Visual*	NONE	**NONE**	---	---
Debris	scalar	Visual*	NONE	**NONE**	---	---
Sand/Dirt	scalar	Visual*	NONE	**NONE**	---	---
Appearance	scalar	Visual*	NORML	**MILKY**	---	---
Odor	scalar	Visual*	NORML	**NORML**	---	---

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

GRAPHS

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