OIL ANALYSIS REPORT

E360s ENVIRONMENTAL 360 SOLUTIONS

Sample Rating Trend

Jul2024

DIRT !

Area
Deca Cables - D04300
Machine Id
A2407055
Component
Cutting Fluid
Fluid
CHEM-ECOL CUTTING OIL 700 (--- GAL)

DIAGNOSIS

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Batch #		Client Info		**2024 07 0170**	---	---
Department		Client Info		**Production**	---	---
Sample From		Client Info		**Machine**	---	---
Production Stage		Client Info		**Initial**	---	---
Sent to WC		Client Info		**07/10/2024**	---	---
Sample Number		Client Info		**E30002617**	---	---
Sample Date		Client Info		**10 Jul 2024**	---	---
Machine Age	hrs	Client Info		**0**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**ATTENTION**	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method		**NEG**	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		🟠 **13**	---	---
Chromium	ppm	ASTM D5185(m)		**<1**	---	---
Nickel	ppm	ASTM D5185(m)		**<1**	---	---
Titanium	ppm	ASTM D5185(m)		**1**	---	---
Silver	ppm	ASTM D5185(m)		**<1**	---	---
Aluminum	ppm	ASTM D5185(m)		🟠 **27**	---	---
Lead	ppm	ASTM D5185(m)		**<1**	---	---
Copper	ppm	ASTM D5185(m)		**8**	---	---
Tin	ppm	ASTM D5185(m)		**<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)		**1**	---	---
Barium	ppm	ASTM D5185(m)		**3**	---	---
Molybdenum	ppm	ASTM D5185(m)		**0**	---	---
Manganese	ppm	ASTM D5185(m)		**<1**	---	---
Magnesium	ppm	ASTM D5185(m)		**109**	---	---
Calcium	ppm	ASTM D5185(m)		**1269**	---	---
Phosphorus	ppm	ASTM D5185(m)		**398**	---	---
Zinc	ppm	ASTM D5185(m)		**471**	---	---
Sulfur	ppm	ASTM D5185(m)		**1895**	---	---
Lithium	ppm	ASTM D5185(m)		**<1**	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		🟠 **12**	---	---
Sodium	ppm	ASTM D5185(m)		**5**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**2**	---	---

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Ferrous Alloys

- iron
- chromium
- nickel
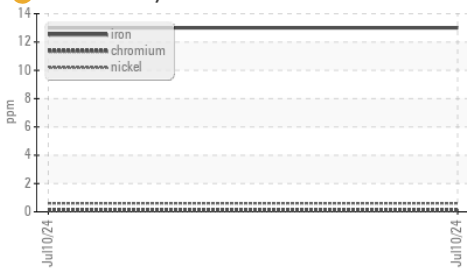
Silicon (ppm)
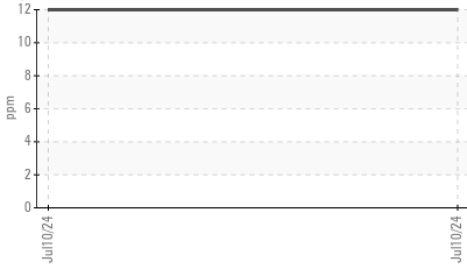
Aluminum (ppm)

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**MODER**	---	---
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	**NONE**	---	---
Appearance	scalar	Visual*	NORML	**NORML**	---	---
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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