

OIL ANALYSIS REPORT

NORMAL

Machine Id

TWIN DISC MORGAN LEIGH

Component Port Reduction Gear Fluid

KENDALL D3 40WT (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

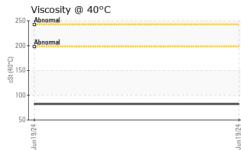
Fluid Condition

The condition of the oil is acceptable for the time in service.

Sample Number Client Info HRE000288 Sample Date Client Info 19 Jun 2024 Machine Age hrs Client Info 1000 Oil Age hrs Client Info Not Changd Oil Changed Client Info Not Changd Sample Status Client Info Not Changd CONTAMINATION Method Init/base current history1 history2 Water WC Method >0.0 -1 WEAR METALS Methodistion -1 Tran ppm ASTM D5155m<>>10 -1 Silver ppm ASTM D5155m -1 Muminum ppm ASTM D5155m -1 Silver ppm ASTM D5155m 19	SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
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Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG	Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	>20 limit/base NONE NONE NONE NONE	2 273 1917 968 1049 4310 current 8 6 6 6 Current NONE NONE NONE NONE NONE	 history1 history1 history1	 history2 history2 history2
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Emulsified Water scalar *Visual >0.2 NEG	Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual	>20 limit/base NONE NONE NONE NONE NONE	2 273 1917 968 1049 4310 current 8 6 6 6 6 current NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 	history2 history2 <
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OIL ANALYSIS REPORT



	FLUID PROPER	RTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		82.1		
	SAMPLE IMAG	ES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
Jun 19/24	Bottom				no image	no image	no image
	GRAPHS						
	Ferrous Alloys						
	80 10 10 10 10 10 10 10 10 10 1						
	Jun19/24			Jun19/24			
	Viscosity @ 40°C	2					
	240 - Abnormal 220 - Abnormal 200 - Abnormal 201 - Abnormal 201 - Abnormal 201 - Abnormal 201 - Abnormal 201 - Abnormal						
	3 160 140 120 100 100						
	Jun 19/24			Jun19/24			
est Package	: 11096863	Rece Teste Diage rvice at 1-8	eived : 24 ed : 25 nosed : 26	I Jun 2024 5 Jun 2024 Jun 2024 - Se 9.		20 CHE	RIOR MARINE 1 KELLY LANE SAPEAKE, OH US 45619 RELL KEARNS rmarineinc.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

Contact/Location: DARRELL KEARNS - SUPCHEOH

т:

F: