

OIL ANALYSIS REPORT

Machine Id 004 - MOBIL DELVAC 1300 10W30

Component

New (Unused) Oil

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

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

Contamination

There is a moderate amount of silt (particulates < 6 microns in size) present in the oil.

Sample	e Rating Trend			ISO
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	Sep 202	3		
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				Sep2023		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0099981		
Sample Date		Client Info		14 Sep 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron p	opm	ASTM D5185m		1		
Chromium	opm	ASTM D5185m		0		
Nickel	opm	ASTM D5185m		0		
Titanium	opm	ASTM D5185m		<1		
Silver	opm	ASTM D5185m		0		
Aluminum	opm	ASTM D5185m		2		
Lead	opm	ASTM D5185m		0		
-	opm	ASTM D5185m		<1		
Tin p	opm	ASTM D5185m		<1		
Vanadium p	opm	ASTM D5185m		0		
	opm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
_			IIIIII Dasc			
	opm	ASTM D5185m		82		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		37		
	opm	ASTM D5185m		<1		
	opm	ASTM D5185m		491		
	opm	ASTM D5185m		1668		
	opm	ASTM D5185m		724		
	opm	ASTM D5185m		855		
Sulfur p	opm	ASTM D5185m		2762		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	opm	ASTM D5185m		8		
Sodium	opm	ASTM D5185m		3		
Potassium p	opm	ASTM D5185m	>20	0		
FLUID CLEANLII	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	▲ 5977		
Particles >6µm		ASTM D7647	>1300	310		
Particles >14µm		ASTM D7647	>160	5		
Particles >21µm		ASTM D7647	>40	2		
Particles >38µm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 20/15/10		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	ng KOH/g	ASTM D8045		1.04		
` '	ng KOH/g	ASTM D2896		9.62		
(Dit)	g rtoring			0.02		



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