

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

001 - MOBIL DELVAC 1300 10W30

Component

New (Unused) Oil

{not provided} (--- GAL)



DIAGNOSIS

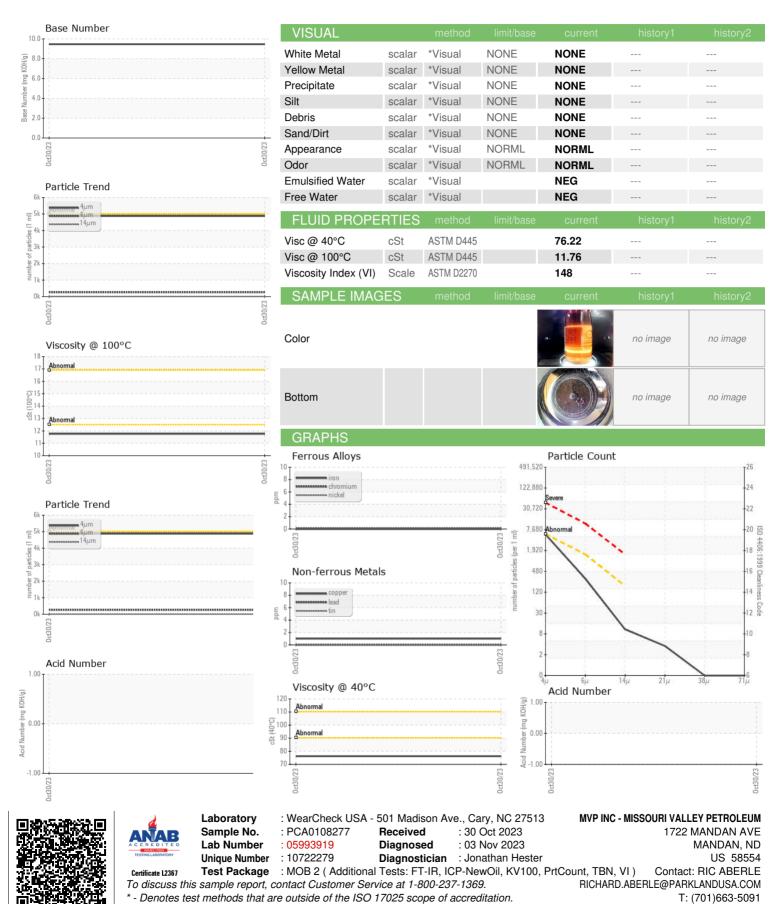
Recommendation

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

				Oct2023		
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0108277		
Sample Date		Client Info		30 Oct 2023		
Machine Age	nrs	Client Info		0		
Oil Age	nrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
lron p	opm	ASTM D5185m		0		
Chromium p	opm	ASTM D5185m		0		
Nickel p	opm	ASTM D5185m		<1		
Titanium p	opm	ASTM D5185m		0		
Silver p	opm	ASTM D5185m		0		
Aluminum p	opm	ASTM D5185m		1		
Lead p	opm	ASTM D5185m		0		
Copper p	opm	ASTM D5185m		1		
Tin p	ppm	ASTM D5185m		0		
Vanadium p	opm	ASTM D5185m		0		
Cadmium p	opm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron p	opm	ASTM D5185m		68		
Barium p	opm	ASTM D5185m		0		
Molybdenum p	opm	ASTM D5185m		36		
Manganese p	opm	ASTM D5185m		<1		
Magnesium p	opm	ASTM D5185m		508		
Calcium	opm	ASTM D5185m		1557		
Phosphorus p	opm	ASTM D5185m		742		
Zinc	opm	ASTM D5185m		896		
Sulfur p	opm	ASTM D5185m		2460		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	opm	ASTM D5185m		8		
Sodium p	opm	ASTM D5185m		2		
Potassium p	opm	ASTM D5185m	>20	1		
FLUID CLEANLIN	VESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	4874		
Particles >6µm		ASTM D7647	>1300	261		
Particles >14μm		ASTM D7647	>160	9		
Particles >21μm		ASTM D7647	>40	3		
Particles >38µm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/15/10		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Base Number (BN)	ng KOH/g	ASTM D2896		9.46		



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

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