



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Garage
 Machine Id
VMC008

Component
New (Unused) Oil
 Fluid
MOBIL DELVAC 1300 SUPER 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Il s'agit du relevé de base de cette huile neuve (inutilisée). Le fluide peut servir. (Customer Sample Comment: Huile neuve sorti du baril)

Wear

{sans objet}

Contamination

Il n'y a aucun indice de contamination dans le huile (inutilisée) neuve.

Fluid Condition

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en l'utilisation.

SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	WC0803874	---	---
Sample Date	Client Info	15 Jun 2023	---	---
Machine Age	hrs Client Info	20796	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history 1	history 2
PQ	ASTM D8184*	0	---	---
Iron	ppm ASTM D5185(m) >5	1	---	---
Chromium	ppm ASTM D5185(m) >5	0	---	---
Nickel	ppm ASTM D5185(m) >5	0	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m) >5	0	---	---
Aluminum	ppm ASTM D5185(m) >5	<1	---	---
Lead	ppm ASTM D5185(m) >5	0	---	---
Copper	ppm ASTM D5185(m) >5	0	---	---
Tin	ppm ASTM D5185(m) >5	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	history 1	history 2
Boron	ppm ASTM D5185(m)	74	---	---
Barium	ppm ASTM D5185(m)	0	---	---
Molybdenum	ppm ASTM D5185(m)	39	---	---
Manganese	ppm ASTM D5185(m)	<1	---	---
Magnesium	ppm ASTM D5185(m)	490	---	---
Calcium	ppm ASTM D5185(m)	1550	---	---
Phosphorus	ppm ASTM D5185(m)	780	---	---
Zinc	ppm ASTM D5185(m)	830	---	---
Sulfur	ppm ASTM D5185(m)	2400	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

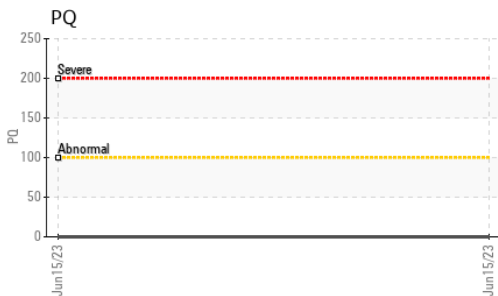
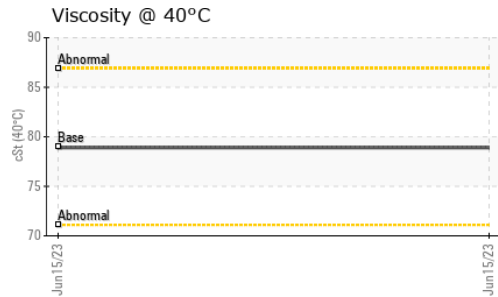
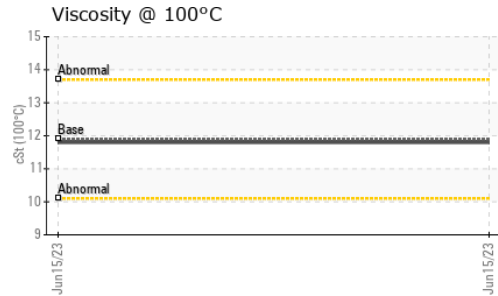
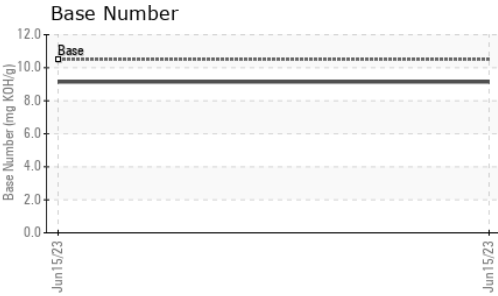
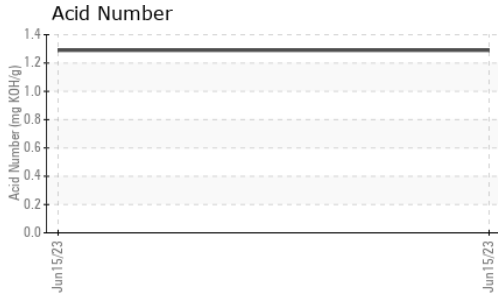
method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185(m) >15	10	---	---
Sodium	ppm ASTM D5185(m)	2	---	---
Potassium	ppm ASTM D5185(m) >20	0	---	---

INFRA-RED

method	limit/base	current	history 1	history 2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624*	4.4	---	---
Sulfation	Abs/.1mm ASTM D7415*	21.4	---	---



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FLUID CLEANLINESS	method	limit/base	current	history 1	history 2
Particles >4µm	ASTM D7647	>5000	61411	---	---
Particles >6µm	ASTM D7647	>1300	19712	---	---
Particles >14µm	ASTM D7647	>160	449	---	---
Particles >21µm	ASTM D7647	>40	38	---	---
Particles >38µm	ASTM D7647	>10	1	---	---
Particles >71µm	ASTM D7647	>3	0	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	23/21/16	---	---

FLUID DEGRADATION	method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm ASTM D7414*		18.5	---	---
Acid Number (AN)	mg KOH/g ASTM D974*		1.29	---	---
Base Number (BN)	mg KOH/g ASTM D2896*	10.5	9.14	---	---

VISUAL	method	limit/base	current	history 1	history 2
White Metal	scalar Visual*	NONE	NONE	---	---
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	---	---
Emulsified Water	scalar Visual*		NEG	---	---
Free Water	scalar Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt ASTM D7279(m)	79	78.9	---	---
Visc @ 100°C	cSt ASTM D7279(m)	11.9	11.8	---	---
Viscosity Index (VI)	Scale ASTM D2270*	145	143	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color				no image	no image
Bottom				no image	no image



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0803874
Lab Number : **02565554**
Unique Number : 5594595
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PQ, PrtCount, TAN Man, TBN, VI

RTA - ALMA
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 ALMA, QC
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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.