



OIL ANALYSIS REPORT

UIN 09689BF

Gasoline Engine

Unit No. Ford

Unit:
Make Ford
Model Ranger
Serial No.
Capacity: 6.2 qt
Site






Compartment:
Name Gasoline Engine
Make
Model
Serial No.





Customer:


DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: As oil already changed, resample next recommended service interval to further monitor.

ANALYST: charles.dillard

LEGEND				
				
Normal	Severe	Abnormal	Caution	Normal

DATE SAMPLED	13-Aug-23	29-Mar-23	28-Sep-22	05-Jun-22
DATE RECEIVED	14-Sep-23	14-Sep-23	04-Oct-22	24-Jun-22
DATE REPORTED	15-Sep-23	15-Sep-23	05-Oct-22	27-Jun-22
LAB NO.	42021951123	42021951122	42021805526	42021770300
SIF NO.	43083104	43094299	43093982	43094295
TIME ON UNIT	mi 45940	35700	25541	15620
TIME ON OIL	mi 10240	10200	9921	9920
OIL BRAND	Amsoil	Amsoil	Amsoil	Amsoil
OIL TYPE	Signature Series Syn	Signature Series Syn	Signature Series Syn	Signature Series Syn
OIL GRADE	SAE 5W30	SAE 5W30	SAE 5W30	SAE 5W30
OIL ADDED				
FILTER	Changed	Changed	Changed	Changed
OIL CHANGED	Changed	Changed	Changed	Changed
WO NUMBER				
Metals (ppm)				
Iron (Fe)	12	13	12	14
Chromium (Cr)	<1	<1	<1	<1
Lead (Pb)	<1	<1	<1	<1
Copper (Cu)	2	3	5	13
Tin (Sn)	<1	<1	<1	<1
Aluminium (Al)	3	3	4	9
Nickel (Ni)	<1	<1	<1	<1
Silver (Ag)	1	<1	<1	<1
Titanium (Ti)	<1	<1	<1	<1
Vanadium (V)	<1	<1	<1	<1
Contaminants (ppm)				
Silicon (Si)	16	15	21	29
Sodium (Na)	9	8	7	7
Potassium (K)	<1	2	4	22
Additives (ppm)				
Magnesium (Mg)	867	871	1010	894
Calcium (Ca)	1190	1196	1354	1346
Barium (Ba)	<1	<1	<1	<1
Phosphorus (P)	686	679	772	750
Zinc (Zn)	806	801	879	897
Molybdenum (Mo)	214	202	229	226
Boron (B)	28	27	21	34
Contaminants				
Water (%)	<0.05	<0.05	<0.05	<0.05
Coolant	No	No	No	No
Physical Tests				
Viscosity (cSt 100C)	9.9	9.3	9.6	9.5
Physical / Chemical				
Base Number (mgKOH/g)	3.0	3.0	3.5	3.5
				

UIN 09689BF

U.S. Laboratories

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International Locations

Australia

Brisbane, Perth, Sydney,
Muswellbrook

Europe

Prague

New Zealand

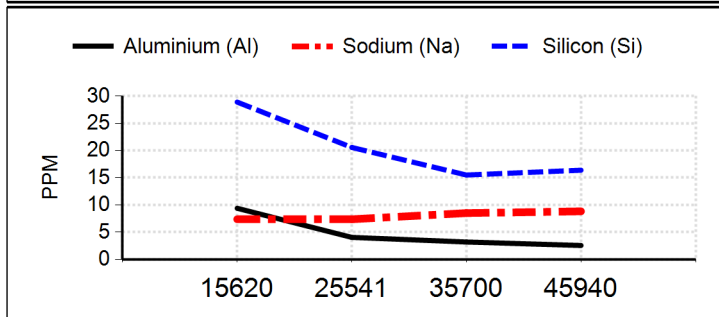
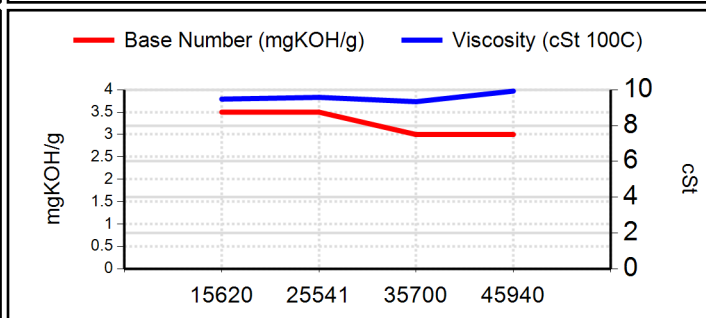
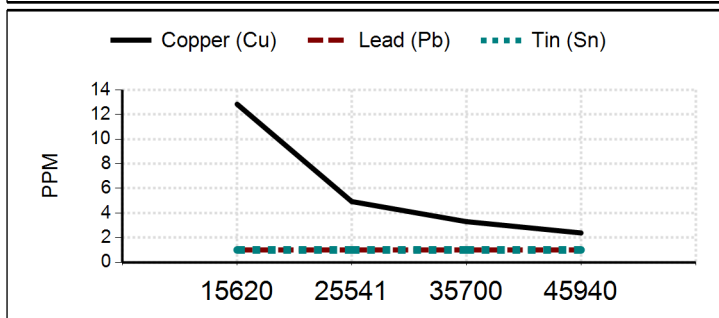
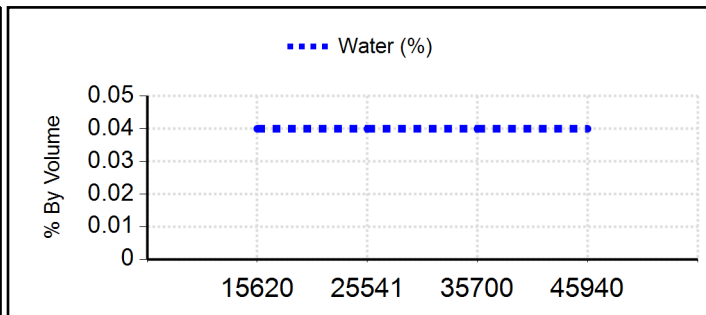
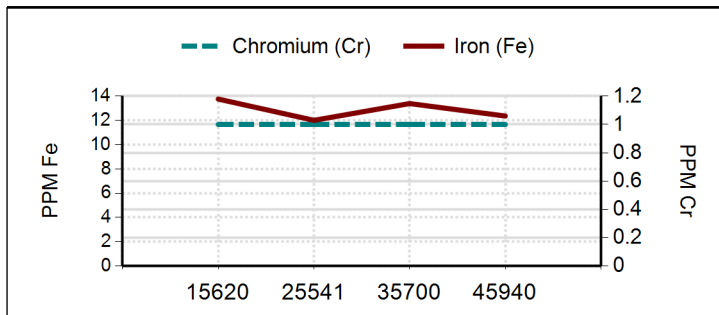
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Belo Horizonte, Brazil

Southeast Asia

Kuala Lumpur, Singapore



Filter Image

Filter patch test is not performed Contact laboratory for more information

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