



D12W - SOS Services Laboratory 2818 Mid Valley Drive De Pere, WI 54115 USA

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ENGINE TRUCK

EQUIP NUM: 181

SERIAL NUMBER: Y257778

D12W-55063-0367

SAMPLE SHIP TIME (days) : 8

DUCAT TRUCKING INC

RECEIVED DATE: 04-Mar-25

PACCAR MX13

No Action Required

181

Interp By: Linda Lovejoy

Interpreted On: 04-Mar-25

READINGS APPEAR TO BE NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL. OIL AND FILTER CHANGE NOTED.

SAMPLE INFORMATION

	24-Feb-25	31-Oct-24	19-Jul-24	29-Mar-24
Sample Id	D12W-55063-0367	D12W-54309-0184	D12W-54204-0227	D12W-54092-0171
Lab Date	04-Mar-25	04-Nov-24	22-Jul-24	01-Apr-24
Meter [Mj]	448235	412663	378190	341421
Comp Meter [MI]	448235	412663	378190	341421
Meter On Fluid	35572	34473	36769	37454
Fluid Brand	PURUS	PURUS	PURUS	PURUS
Fluid Weight	10W-30	10W-30	10W-30	10W-30
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Total Fluid Added	0	0	0	0

PREVIOUS SAMPLE

READINGS APPEAR TO BE NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL. OIL AND FILTER CHANGE NOTED.

For additional sample history, go to:

S.O.S WEB

CONDITION / CONTAMINATION

	24-Feb-25	31-Oct-24	19-Jul-24	29-Mar-24
VISCOSITY (CENTISTOKES) ASTM D445				
V100 Viscosity at 100 C	11.70	11.97	11.94	12.02
INFRARED (UFM) ASTM E2412				
ST Soot	18	26	27	27
OXI Oxidation	17	17	17	17
SUL Sulfate By-Product	20	22	21	22
Sulfur Products	20	22	21	22
NIT Nitration	1	10	9	10

WEAR LEVELS / ADDITIVES

	24-Feb-25	31-Oct-24	19-Jul-24	29-Mar-24
ELEMENTAL ANALYSIS (PPM) ASTM D6185 (OIL) / ASTM D6130 (COOLANT)				
Cu Copper	1	1	1	1
Fe Iron	12	10	12	14
Cr Chromium	0	0	0	0
Al Aluminum	2	2	3	3
Pb Lead	0	0	0	0
Sn Tin	0	0	0	0
Si Silicon	4	5	5	5
Na Sodium	2	0	1	0
K Potassium	3	3	6	8
Mo Molybdenum	67	59	67	70
Ni Nickel	1	1	1	
Ag Silver	0	0	0	
Ti Titanium	0	0	0	
V Vanadium	0	0	0	
Mn Manganese	0	0	0	
Cd Cadmium	0	0	0	
Ca Calcium	1346	1151	1278	1300
P Phosphorus	1301	1066	1185	1078
Zn Zinc	1552	1303	1434	1462
Mg Magnesium	1216	992	1086	1145
Ba Barium	0	0	0	
B Boron	3	3	3	

WATER

W Water	N	N	N	N
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ANTIFREEZE

A Antifreeze	N	N	N	N
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FUEL

F Fuel	N	N	N	N
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