



# CONSTRUCTION EQUIPMENT

## FORD F350 - DIESEL ENGINE



**Sample No:** VCP265340  
**Oil Type:** CHEVRON DELO 400 MULTIGRADE 15W40  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP265340	---	---	---
Sample Date	16 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	250	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 8.4	---	---	---
Oxidation (PA)	%	52	---	---	---

### Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	▲ 69	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 6	---	---	---



### WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 55	---	---	---
Lead	ppm	█ 12	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 18	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 1377	---	---	---
Magnesium	ppm	█ 840	---	---	---
Zinc	ppm	█ 1290	---	---	---
Phosphorus	ppm	█ 1058	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 71	---	---	---

**Depot:** HIGBURT  
**Unique No:** 10963926  
**Signed:** Don Baldrige  
**Report Date:** 06 Apr 2024



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## GRAPHS

