Sample No: VCP408989

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

Job No: 0198-1

VOLVO				
SAMPLE I	NFORMATION			
Sample Number		VCP408989	 	
Sample Date		20 Jul 2023	 	
Machine Hours		8500	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	ITION			
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)	mg KOH/g	7.4	 	
Oxidation (PA)	%	69	 	
CONTAMI	NATION			
Soot %	%	■ 0.5	 	
Nitration (PA)	%	69	 	
Sulfation (PA)	%	63 NEC	 	
Glycol	%	NEG	 	
Fuel Silicon	%	<1.0 5	 	
Sodium	ppm	<u>2</u>	 	
Potassium	ppm	4	 	
rotassium	ppm			
VOLVO				
WEAR ME	TALS			
Iron	ppm	14	 	
Copper	ppm	■<1	 	
Lead	ppm	■0	 	
Tin	ppm	■0	 	
Aluminum	ppm	6	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	■89	 	
Nickel	ppm	0	 	
Titanium	ppm	■ <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	
ADDITIVE	7			
Calcium		= 1404		
Magnesium	ppm	□ 1494 □ 438	 	
Zinc	ppm	1306	 	
Phosphorus	ppm	1055	 	
Barium		0 0	 	
Boron	ppm	350	 	
DOIOII	ppm		 -3-	

MCCLUNG LOGAN

17941 SUSSEX HIGHWAY BRIDGEVILLE, DE US 19933 Contact: RANDY KING rking@mcclung-logan.com T: (302)337-3400 F: (302)337-9083

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO1023 **Unique No:** 10579819 Signed: Don Baldridge Report Date: 03 Aug 2023



CONSTRUCTION EQUIPMENT





GRAPHS

