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Barium

ppm

**0** 

Sample No: Oil Type:

SAMPLE IN	IFORMAT	ION		
Sample Number		VCP191518	 	
Sample Date		18 Apr 2017	 	
Machine Hours		3940	 	
Oil Hours		0	 	 ,
Oil Changed		Changed	 	 Contact:
Sample Status		ABNORMAL	 	
OIL CONDI	TION			T: F:
Visc @ 40°C	cSt	<b>45.95</b>	 	
Acid Number (AN)	mg KOH/g	■0.616	 	 Diagno
		_		
CONTAMIN	NOITAN			
Particles 5-15µm	count	8104759	 	
	count	199779	 	
Particles 25-50µm	count	80534	 	
Particles 50-100µm	count	5368	 	
Particles > 100µm	count	484	 	
Particles >4µm		<b>191659</b>	 	
Particles >6µm		<b>A</b> 84910	 	
Particles >14µm		<b>2930</b>	 	
ISO 4406:1999 (c)		25/24/19	 	
Silicon	ppm	<b>■</b> 9	 	
Sodium	ppm	<b>2</b>	 	
Potassium	ppm	<b>■</b> <1	 	
WEAR MET	ALS			
ron	ppm	■8	 	
Copper	ppm	<b>43</b>	 	
_ead	ppm	<b>■</b> <1	 	
Tin	ppm	_ <1	 	
Aluminum	ppm	<b>3</b>	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	■0	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>-&lt;1</b>	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>77</b>	 	 Depot: Unique N
Magnesium	ppm	<b>1</b>	 	 Signed:
Zinc	ppm	<b>■</b> 518	 	 Report Da
	ppm	2 ■ 469	 	
. nospnorus	Phili	05		



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## GRAPHS Ferrous Alloys Particle Count 491,520 **1**8e 10 T n chromium 245,760 -25 ⊶ nickel 122,880 -24 61,440 30,720 -22 15,360 -21 7,680 -20 3,840 -19 180 4406:1999 Cleanliness 1,920 umber of particles (per 1 ml) 960 Non-ferrous Metals 480 240 40 120 35 60 -13 30 25 -12 30 Ed 20 15 10 Apr18/17 21μ 38μ Viscosity @ 40°C Acid Number 52 **T** 0.7 51 0.6 50 0.6 49 0.5 (B) 0.5 9.0 0.4 48 (20047-(2004) 46-45-₿ 0.4 0.3 0.3 0.3 44 0.2 Acid 43 0.2 42 0.1 0.1-0.0 40 Apr18/17