

Lab	Oelcheck	Oelcheck	Oiltest24
Lab number	4612640	4727512	MDK2-00137
Unit ID	Volvo V60 LUEV600	Volvo V60 LUEV600	Volvo V60 LUEV600
Component	4-Takt Dieselmotor	4-Takt Dieselmotor	4-Takt Dieselmotor
Machine type	V60 4 Zylinder Diesel	V60 4 Zylinder Diesel	V60 4 Zylinder Diesel
Manufacturer	Volvo	Volvo	Volvo
Sample from	Dieselmotor	Dieselmotor	Dieselmotor
Sample rating	3	3	
Date tested	2022-01-04	2022-09-19	2023-1-9
Date sample taken	2021-12-27	2022-09-14	2022-12-28
Date oil changed	2020-10-06	2021-12-27	2022-12-28
Oil changed	TRUE	TRUE	TRUE
Operating hrs since change	11523	12441	4036
Unit (operating hrs since change)	km	km	km
Total operating hrs	34260	51701	55737
Unit (total operating hrs)	km	km	km
Top-up since change	0	0	0
Unit (top-up since change)	l	l	l
Oil quantity in system	5,2	5	5
Unit (oil quantity in system)	l	l	l
Lubricant	Castrol Edge Professional 0W-20	Fuchs Titan GT1 PRO V 0W-20	Fuchs Titan GT1 PRO V 0W-20
Fe [mg/kg]	50	35	16
Cr [mg/kg]	1	1	0
Co [mg/kg]			
Sn [mg/kg]	0	0	0
Al [mg/kg]	6	7	0
Ni [mg/kg]	7	10	3
Cu [mg/kg]	4	3	2
Pb [mg/kg]	1	0	0
Mo [mg/kg]	259	684	608
Ag [mg/kg]	1	0	
Ti [mg/kg]	18	3	
V [mg/kg]			
Li [mg/kg]			
Mn [mg/kg]	1	1	
PQ-Index	< 25	< 25	<16
Si [mg/kg]	12	16	6
K [mg/kg]	5	5	2
Na [mg/kg]	2	1	1
Water [%]	< 0.1	< 0.1	< 0.1
Water K. F. [ppm]			
Glycol	negativ	negativ	negativ
Vegetable oil [%]			
Fuel [%]			
Diesel fuel [%]	8,8	9,6	<1
Biodiesel [%]	< 0.3	3	
Soot content [%]	0,1	0,2	0,1
Soot index	0,5	0,5	
Viscosity at 40°C [mm²/s]	38,28	32,53	35,04
Viscosity at 100°C [mm²/s]	7,69	7,22	7,80
Viscosity index	176	196	203
Oxidation [A/cm]	1	1	
Nitration [A/cm]	4	2	
Sulfation [A/cm]	1	5	
Color			
Dispersancy [%]	98	98	
Ca [mg/kg]	1581	2133	2654
Mg [mg/kg]	7	7	27
B [mg/kg]	336	491	303
Zn [mg/kg]	751	700	840
P [mg/kg]	633	593	768
Ba [mg/kg]	0	0	
S [mg/kg]	1567	2209	3128
Chlorine content [mg/kg]			
BN [mgKOH/g]	5,18	n/a	7,42
IR-Index		97,9	
W [mg/kg]			
Bi	2	2	

Zr			
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