



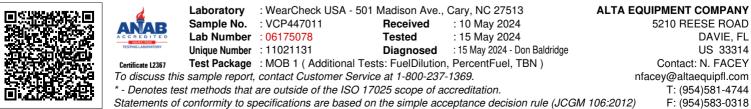
## [SPM703604 RENTALS] Wachine Id VOLVO A40G 702285

Diesel Engine

## VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 (--- GAL)

Test         UOM         Method         unit         History 1         History 2           Sample Number 0         Client line         VPM y 201		_					 
Oil and filter change at the time of sampling has been noted. Resempting at the next service interval to monitor.         Sample Date         Clent Info         0         07.00 <th< th=""><th>RECOMMENDATION</th><th></th><th>UOM</th><th></th><th>Limit/Abn</th><th></th><th>,</th></th<>	RECOMMENDATION		UOM		Limit/Abn		,
at the next service interval to monitor.         Simple Data Machine Age hrs         Client into         Of 97 or 0   Age         Image hrs         Client into         Of 97 or 0   Changed         Image hrs         Client into         Changed         Image hrs         Image hrs         Image hrs         Client into         Changed         Image hrs							
Old Age         Inter of the inter of						-	
Filter Age         hrs         Client Info         O         Changed         Client Info         Changed		•					
OI Changed Filter Changed         Client Info         Changed Sample-Status         Changed Changed		-					
Filter Changed         Client into         Phange         Phange         Phange           WEAR         no         pm         ASTMD518m         >20         0            Metal levels are typical for a new component breaking in.         Nickel         ppm         ASTMD518m         >2         2             Nickel         ppm         ASTMD518m         >2         0             Silver         ppm         ASTMD518m         >2         0             Aluminum ppm         ASTMD518m         >2         0             Aluminum ppm         ASTMD518m         >2         0             Quantum ppm         ASTMD518m         >1         3             Vanadum ppm         ASTMD518m         >1         3             Vanadum ppm         ASTMD518m         >1         3             Vanadum ppm         ASTMD518m         >2         2             Fuel content negligble. There is no indication of any contamination in         Protestatum         Protestatum         ASTMD518m			hrs			-	
Sample Status         NTENTO         In         In         In         In           WEAR         Iron         pm         ASM (DBSM)         >100         17         1         -           Metal levels are typical for a new component breaking in.         Nickel         pm         ASM (DBSM)         2         1         -         -           Nickel         pm         ASM (DBSM)         2         1         -		-				-	
Metal levels are typical for a new component breaking in.         Iron Chromium         ppm         ASTM Distism         >20         0            Nickel         ppm         ASTM Distism         >20         0             Nickel         ppm         ASTM Distism         >20         0             Silver         ppm         ASTM Distism         >20         0             Aluminum         ppm         ASTM Distism         >20         0             Aluminum         ppm         ASTM Distism         >20              Auradium         ppm         ASTM Distism         >50         3             Vanadium         ppm         ASTM Distism         >50         3             Value         ppm         ASTM Distism         >50         3             Value         ppm         ASTM Distism         >50         28         8             Value         ppm         ASTM Distism         >20         3 </th <th></th> <th>-</th> <th></th> <th>Client Info</th> <th></th> <th>_</th> <th></th>		-		Client Info		_	
Metal levels are typical for a new component breaking in.         Chromium         opm         ASTM 0555s         >20         0             Nickel         ppm         ASTM 0555s         >2         2             Titanium         ppm         ASTM 0555s         >2         0             Silver         ppm         ASTM 0555s         >2         0             Lead         ppm         ASTM 0555s         >30         153             Cooper         ppm         ASTM 0555s         >40         3             Vanadium         ppm         ASTM 0555s         >40         3             Vanadium         ppm         ASTM 0555s         30         153             Vanadium         ppm         ASTM 0555s         3              Vanadium         ppm         ASTM 0555s         28         3             Vanadium         ppm         ASTM 0555s         >20         0.2             Fuel content negligib		Sample Status					 
Metal levels are typical for a new component breaking in.         Chromium         opm         ASTM 0555s         >20         0             Nickel         ppm         ASTM 0555s         >2         2             Titanium         ppm         ASTM 0555s         >2         0             Silver         ppm         ASTM 0555s         >2         0             Lead         ppm         ASTM 0555s         >30         153             Cooper         ppm         ASTM 0555s         >40         3             Vanadium         ppm         ASTM 0555s         >40         3             Vanadium         ppm         ASTM 0555s         30         153             Vanadium         ppm         ASTM 0555s         3              Vanadium         ppm         ASTM 0555s         28         3             Vanadium         ppm         ASTM 0555s         >20         0.2             Fuel content negligib	WEAR	Iron	ppm	ASTM D5185m	>100	17	 
Mickal levels are typical for a new component breaking in.         Nickal model         ppm         ASTM Distism         s2         2         1            Titanium         ppm         ASTM Distism         s2         0             Silver         ppm         ASTM Distism         s2         0             Atuminum         ppm         ASTM Distism         s25         2             Atuminum         ppm         ASTM Distism         s26         2             Atuminum         ppm         ASTM Distism         s26         3             Astm Distism         s30         1153               Vandum         ppm         ASTM Distism         s30         1153             Vandum         ppm         ASTM Distism         s25         28             Vandum         ppm         ASTM Distism         s-20         3             Fuel content negligible. There is no indication of any contamination in the oil.         ppm         ASTM Distism         s-0		Chromium		ASTM D5185m	>20	0	 
Titanium         ppm         ASTM 0515m         C         0            Silver         ppm         ASTM 0515m         >20             Lead         ppm         ASTM 0515m         >20         1            Lead         ppm         ASTM 0515m         >40         33         1            Cooper         ppm         ASTM 0515m         >40         3             Tin         ppm         ASTM 0515m         >10         1             Vanadium         ppm         ASTM 0515m         >10         0             Vanadium         ppm         ASTM 0515m         >20         3             Vanadium         ppm         ASTM 0515m         >20         3             Vellow Metal         scalar         'Visual         NONE         NONE             Fuel         %         ASTM 0515m         >20         3             Glycol         Wol Method         >0.0		Nickel		ASTM D5185m	>2	2	 
Aluminum         ppm         ASTM D516m         >25         2            Lead         ppm         ASTM D516m         >40         3             Copper         Mito S16m         >10         153             Vanadium         ppm         ASTM D516m         >15         3             Vanadium         ppm         ASTM D516m         >15         3             Vanadium         ppm         ASTM D518m         >0              Vanadium         ppm         ASTM D518m         >25         28             Valow Metal         scalar         'Visual         NONE             Fuel content negligible. There is no indication of any contamination in the oil.         Silicon         ppm         ASTM D524         >0         0.2             Water         VCM         Wold         >0.2         NEG             Solitation         Abs/m         'ASTM D724         >3         0.2             Solitation         A		Titanium		ASTM D5185m		0	 
Lead         pp         ASTM D518m         -40         3             Copper         ppm         ASTM D518m         -530         153             Tin         ppm         ASTM D518m         -50         00             Vanadium         ppm         ASTM D518m         -50         00             Vanadium         ppm         ASTM D518m         -50         00             Velow Metal         scalar         Visual         NONE         NONE         NONE            Velow Metal         scalar         Visual         NONE         NONE             Velow Metal         scalar         Visual         NONE         NONE             Vale         Water         WC Method         -02         NCE             Sulfation         Abs/rm         ASTM 0524         -00         NCE             Sulfation         Abs/rm         Yisual         NONE         NONE             Sulfation         Abs/rm		Silver	ppm	ASTM D5185m	>2	0	 
Lead         pp         ASTM D518m         -40         3             Copper         ppm         ASTM D518m         -530         153             Tin         ppm         ASTM D518m         -50         00             Vanadium         ppm         ASTM D518m         -50         00             Vanadium         ppm         ASTM D518m         -50         00             Velow Metal         scalar         Visual         NONE         NONE         NONE            Velow Metal         scalar         Visual         NONE         NONE             Velow Metal         scalar         Visual         NONE         NONE             Vale         Water         WC Method         -02         NCE             Sulfation         Abs/rm         ASTM 0524         -00         NCE             Sulfation         Abs/rm         Yisual         NONE         NONE             Sulfation         Abs/rm		Aluminum		ASTM D5185m	>25	2	 
Copper         ppm         ASTM D5HSm         >330         153             Tin         ppm         ASTM D5HSm         S         3             Vanadium         ppm         ASTM D5HSm         NONE         NONE         NONE            White Metal         scalar         'Visual         NONE         NONE             Evel content negligible. There is no indication of any contamination in the oil.         Silicon         ppm         ASTM 0518m         -20         3             Value content negligible. There is no indication of any contamination in the oil.         %         Silicon         ppm         ASTM 0518m         -20         3             Value content negligible. There is no indication of any contamination in the oil.         %         ASTM 0518m         -20         NCG		Lead				3	 
Tin         ppm         ASTM D6180m         >15         3             Vanadium         ppm         ASTM D6180m         NONE         NONE         NONE             White Metal         scalar         'Visual         NONE         NONE         2            CONTAMINATION         Silicon         pm         ASTM D6180m         >225         28             Fuel content negligible. There is no indication of any contamination in the oil.         Silicon         pm         ASTM D518m         >20         3             Glycol         WC Method         >0.2         NEG              Sultation         ASTM D784         >0.2         NEG              Sultation         Abs/cm         'STM D784         >0.2              Sultation         Abs/cm         'STM D784         >0.2              Sultation         Abs/cm         'STM D784         >0.0              Debris         scalar         'Visual         NONE <th>Copper</th> <th></th> <th>ASTM D5185m</th> <th>&gt;330</th> <th>153</th> <th> </th>		Copper		ASTM D5185m	>330	153	 
White Metal Yellow Metal         scalar         'Visual         NONE         NONE             CONTAMINATION         Silicon         ppm         ASTM D5165m         >-25         28             Fuel content negligible. There is no indication of any contamination in the oil.         ppm         ASTM D5165m         >-26         0.2             Water         WC Method         >-0.2         NEG             Glycol         WC Method         >-0.2         NEG             Soft%         % STM D5165m         >-60         0.2             Water         WC Method         >-0.2         NEG             Glycol         WC Method         >-0.2         NEG             Sott%         % % ASTM D5165m         >.0.2         NEG             Sott%         % % 'ASTM D764         >-0         NEG             Sottario         Asilm         'Nisual         NONE         NONE             Sottario         scalar         'Visual		Tin	ppm	ASTM D5185m	>15	3	 
Yellow Metal         scalar         *Visual         NONE         NONE            CONTAMINATION         Silicon         pp         ASTM D5185m         >20         3            Fuel content negligible. There is no indication of any contamination in the oil.         Silicon         pp         ASTM D5185m         >20         3             Glycol         WC Method         0.2         NEG             Water         WC Method         NEG              Glycol         WC Method         NEG              Nitration         Abs/m         'ASTM D7244          NEG             Nitration         Abs/m         'ASTM D7145         >		Vanadium	ppm	ASTM D5185m		0	 
CONTAMINATION         Silicon         ppm         ASTM D5185m         >25         28             Fuel content negligible. There is no indication of any contamination in the oil.         Potassium         ppm         ASTM D5185m         >20         3             Water         WC Method         50.2         NEG		White Metal	scalar	*Visual	NONE	NONE	 
Fuel content negligible. There is no indication of any contamination in the oil.         Potassium         ppm         ASTM D5185m         >20         3             Fuel         %         ASTM D5185m         >6.0         0.2              Water         WC Method         >0.2         NEG              Glycol         WC Method         >0.2         NEG              Sot %         %         ASTM D784         >3         0.2             Nitration         Abs/rmm         ASTM D715         >00         21.2             Silt         scalar         Visual         NONE         NONE             Silt         scalar         Visual         NONE         NONE             SodrObirt         scalar         Visual         NORML         NORML             SodrObirt         scalar         Visual         NORML         NORML             The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in		Yellow Metal	scalar	*Visual	NONE	NONE	 
Fuel content negligible. There is no indication of any contamination in the oil.         Potassium         ppm         ASTM D5185m         >20         3             Fuel         %         ASTM D5185m         >6.0         0.2              Water         WC Method         >0.2         NEG              Glycol         WC Method         >0.2         NEG              Sot %         %         ASTM D784         >3         0.2             Nitration         Abs/rmm         ASTM D715         >00         21.2             Silt         scalar         Visual         NONE         NONE             Silt         scalar         Visual         NONE         NONE             SodrObirt         scalar         Visual         NORML         NORML             SodrObirt         scalar         Visual         NORML         NORML             The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in							 
Fuel         %         ASTM D3524         >6.0         0.2            Water         WC Method         >0.2         NEG            Water         WC Method         >0.2         NEG            Glycol         WC Method         >0.2         NEG            Silt         Solt         %C Method         >0.2             Nitration         Abs/rm         WC Method         >0.2             Solt         %S/tm 07624         >20         9.3             Solt         scalar         'Visual         NONE         NONE             Solt         scalar         'Visual         NONE         NONE             Sand/Dirt         scalar         'Visual         NORE         NORE             Appearance         scalar         'Visual         NORE         NORE             The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.         Sofium         ppm         ASTM D5185m         0.0         4. <t< th=""><th>CONTAMINATION</th><th></th><th></th><th></th><th></th><th></th><th> </th></t<>	CONTAMINATION						 
the oil.       10e       7e       NOTMO324       9.0.2       0.2							
Glycol         WC Method         NEG             Soot %         %         *ASTM D784         >3         0.2             Nitration         Abs/         *ASTM D784         >20         9.3             Nitration         Abs/         *ASTM D715         >30         21.2             Silt         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Odor         scalar         *Visual         NORM         NORM             Odor         scalar         *Visual         NORM         NORM             FLUID CONDITION         Sodium         ppm         ASTM D5165m         0.0             Molyddenum         pm         ASTM D5165m         0.0              Magnesium         pm         A			%				
Soot %         %         *ASTM D7844         >3         0.2             Nitration         Abs/cm         *ASTM D762         >20         9.3             Sulfation         Abs/cm         *AstM D7415         >30         21.2             Sulfation         Scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NORM         NORML             Appearance         scalar         *Visual         NORM         NORML             The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.         Sodium         ppm					>0.2		
Nitration         Abs/cm         *ASTM D7624         >20         9.3             Sulfation         Abs/tm         *ASTM D745         >30         21.2             Silt         scalar         *Visual         NONE         NONE             Silt         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORM         NORM             Odor         scalar         *Visual         NORM         NORM             Odor         scalar         *Visual         NORM         NORM             The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.         Sodium         ppm         ASTM D5185m         0.0         <-1            Molybdenum         ppm         ASTM D5185m         0.0         <-1             Molybdenum         ppm         ASTM D5185m					0		
SulfationAbs/1mm'ASTM D741'sS-3021.2Siltscalar'VisualNONENONEDebrisscalar'VisualNONENONESand/Dirtscalar'VisualNONENONEAppearancescalar'VisualNORMNORMLOdoscalar'VisualNORMNORMLOdoscalar'VisualNORMNORMLEmulsified Waterscalar'VisualNORSoftiumppmASTM D51850.041BoronppmASTM D51850.041MolybdenumppmASTM D51850.03MaganeseppmASTM D51850.03MagnesiumppmASTM D51850.03MagnesiumppmASTM D51850.03MagnesiumppmASTM D51850.03MagnesiumppmASTM D51850.0531MagnesiumppmASTM D51850.053MagnesiumppmASTM D518512231106MagnesiumppmASTM D518512231106MagnesiumppmAS							
Siltscalar*VisualNONENONEInoneInoneInoneDebrisscalar*VisualNONENONENONEInoneInoneInoneSand/Dirtscalar*VisualNORENONENONEInoneInoneInoneAppearancescalar*VisualNORENORENOREInoneInoneInoneOdorscalar*VisualNORENORENOREInoneInoneInoneInoneFLUID CONDITIONSodiumppmASTM D5185m0.0InoneIno							
Debrisscalar"VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsifiedWaterscalar*VisualNORMLNORMLSodiumppmASTM D5185m0.0REGBoronppmASTM D5185m0.0<11BariumppmASTM D5185m0.0<14MolybdenumppmASTM D5185m0.033MagneseppmASTM D5185m0.033CalciumppmASTM D5185m0.033MagnesiumppmASTM D5185m0.033CalciumppmASTM D5185m0.033CalciumppmASTM D5185m0.033SulfurppmASTM D5185m12231106SulfurppmASTM D5185m0.03761SulfurppmA							
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m2.5117BoronppmASTM D5185m0.736MolybdenumppmASTM D5185m0.736MaganeseppmASTM D5185m0.736CalciumppmASTM D5185m0.572293MagnesiumppmASTM D5185m20572293CalciumppmASTM D5185m0.73761SulfurppmASTM D5185m12231106SulfurppmASTM D5185m40793761SulfurppmASTM D5185m40793761SulfurppmASTM D5185m40793761SulfurppmASTM D5185m40793761SulfurppmASTM D5185m40793761SulfurppmASTM D5185m40793761Sulfur <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m2.517BoronppmASTM D5185m0.0BariumppmASTM D5185m0.0MolybdenumppmASTM D5185m0.0MolybdenumppmASTM D5185m0.0MagnesseeppmASTM D5185m0.035MagnesiumppmASTM D5185m2.55MagnesiumppmASTM D5185m0.035MagnesiumppmASTM D5185m0.0535PhosphorusppmASTM D5185m2.551106SulfurppmASTM D5185m2.551106SulfurppmASTM D5185m12231106SulfurppmASTM D5185m12231106SulfurppmASTM D5185m12231106SulfurppmASTM D5185m1243151.1SulfurppmASTM D5185m1004.7SulfurppmASTM D5185m<							
Odorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGFLUID CONDITIONThe oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.SodiumppmASTM D5185m2.517BariumppmASTM D5185m0.0<1MalganesseppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.05255CalciumppmASTM D5185m0.0535951PhosphorusppmASTM D5185m12231106SulfurppmASTM D5185m40793761OxidationAbs/.1mm'ASTM D714'-2515.1Base Number (BN)mg KHgASTM D2886104.7Base Number (BN)mg KHgASTM D2886104.7							
Emulsified Waterscalar*Visual>0.2NEGFLUID CONDITIONSodiumppmASTM D5185m2.517BoronppmASTM D5185m0.0<1BariumppmASTM D5185m0.0<1MolybdenumppmASTM D5185m0.0<1ManganeseppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03MagnesiumppmASTM D5185m0.03CalciumppmASTM D5185m0.053MagnesiumppmASTM D5185m20572293CalciumppmASTM D5185m12231106SulfurppmASTM D5185m12231106OxidationAbs/1m'ASTM D714i-2515.1Base Number (BN)mg KOHgASTM D2896104.7							
Sodium       ppm       ASTM D5185m       4          Boron       ppm       ASTM D5185m       2.5       17          Barium       ppm       ASTM D5185m       0.0       <1          Barium       ppm       ASTM D5185m       0.0       <1          Molybdenum       ppm       ASTM D5185m       0.0       <1          Manganese       ppm       ASTM D5185m       0.0       3          Magnesium       ppm       ASTM D5185m       2.65       2.55          Phosphorus       ppm       ASTM D5185m       0.0       3          Zinc       ppm       ASTM D5185m       2.65       2.55          Sulfur       ppm       ASTM D5185m       2.65       2.55          Qxidation       Abs/1mm       'ASTM D5185m       2.65       2.55          Sulfur       ppm       ASTM D5185m       2.65       2.55          Base Number (BN)       mg KOHg       ASTM D5185m       1.05							
Boron       ppm       ASTM D5185m       2.5       177          Barium       ppm       ASTM D5185m       0.0       <10          Molybdenum       ppm       ASTM D5185m       0.0       <10          Manganese       ppm       ASTM D5185m       0.0       30          Magnesium       ppm       ASTM D5185m       0.0       3          Magnesium       ppm       ASTM D5185m       0.0       3          Calcium       ppm       ASTM D5185m       2.65       2293          Phosphorus       ppm       ASTM D5185m       2057       22933          Zinc       ppm       ASTM D5185m       935       951          Sulfur       ppm       ASTM D5185m       1223       1106          Sulfur       ppm       ASTM D5185m       4079       3761          Oxidation       Abs/.1mm       *ASTM D5185m       4079       3761          Base Number (BN)       mg KOH2       ASTM D2185       10       4.7			Scalai	visuai	>0.2		 
Boron       ppm       ASTM D5185m       2.5       177          Barium       ppm       ASTM D5185m       0.0       <10          Molybdenum       ppm       ASTM D5185m       0.0       <10          Manganese       ppm       ASTM D5185m       0.0       30          Magnesium       ppm       ASTM D5185m       0.0       3          Magnesium       ppm       ASTM D5185m       0.0       3          Calcium       ppm       ASTM D5185m       2.65       2293          Phosphorus       ppm       ASTM D5185m       2057       22933          Zinc       ppm       ASTM D5185m       935       951          Sulfur       ppm       ASTM D5185m       1223       1106          Sulfur       ppm       ASTM D5185m       4079       3761          Oxidation       Abs/.1mm       *ASTM D5185m       4079       3761          Base Number (BN)       mg KOH2       ASTM D2185       10       4.7	FLUID CONDITION	Sodium	ppm	ASTM D5185m		4	 
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.       Barium       ppm       ASTM D5185m       0.0       <1          Molybdenum       ppm       ASTM D5185m       0.7       85           Manganese       ppm       ASTM D5185m       0.0       3           Magnesium       ppm       ASTM D5185m       0.0       3           Calcium       ppm       ASTM D5185m       2.66       255           Calcium       ppm       ASTM D5185m       2057       2293           Phosphorus       ppm       ASTM D5185m       935       951           Zinc       ppm       ASTM D5185m       1223       1106           Sulfur       ppm       ASTM D5185m       4079       3761           Oxidation       Abs/.1mm       *ASTM D7141       >25       15.11           Base Number (BN)       mg KOHg       ASTM D2886       10       4.7					2.5	17	 
MolybdenumppmASTM D5185m0.785ManganeseppmASTM D5185m0.03MagnesiumppmASTM D5185m256255CalciumppmASTM D5185m20572293PhosphorusppmASTM D5185m935951ZincppmASTM D5185m12231106SulfurppmASTM D5185m12231106OxidationAbs/.1mm*ASTM D5185m40793761Base Number (BN)mg KOHgASTM D2886104.7	•					<1	 
ManganeseppmASTM D5185m0.03MagnesiumppmASTM D5185m2662502293CalciumppmASTM D5185m205722933PhosphorusppmASTM D5185m9359513ZincppmASTM D5185m12231106SulfurppmASTM D5185m40793761OxidationAbs/.1mm*ASTM D7141>2515.1Base Number (BN)mg KOHzASTM D2886104.7		Molybdenum		ASTM D5185m	0.7	85	 
Calcium       ppm       ASTM D5185m       2057       2293           Phosphorus       ppm       ASTM D5185m       935       951           Zinc       ppm       ASTM D5185m       1223       1106           Sulfur       ppm       ASTM D5185m       4079       3761           Oxidation       Abs/.1mm       *ASTM D7141       >25       15.1           Base Number (BN)       mg K0Hg       ASTM D2896       10       4.7				ASTM D5185m	0.0	3	 
Phosphorus       ppm       ASTM D5185m       935       951           Zinc       ppm       ASTM D5185m       1223       1106           Sulfur       ppm       ASTM D5185m       4079       3761           Oxidation       Abs/.1mm       *ASTM D7414       >25       15.1           Base Number (BN)       mg K0Hg       ASTM D2886       10       4.7		Magnesium	ppm	ASTM D5185m	256	25	 
Zinc       ppm       ASTM D5185m       1223       1106           Sulfur       ppm       ASTM D5185m       4079       3761           Oxidation       Abs/.1mm       *ASTM D741       >25       15.1           Base Number (BN)       mg KOHg       ASTM D2896       10       4.7		Calcium	ppm	ASTM D5185m	2057	2293	 
Sulfur         ppm         ASTM D5185m         4079         3761             Oxidation         Abs/.1mm         *ASTM D7414         >25         15.1             Base Number (BN)         mg KOH/g         ASTM D2896         10         4.7		Phosphorus	ppm	ASTM D5185m	935	951	 
Oxidation         Abs/.1mm         *ASTM D7414         >25         15.1            Base Number (BN)         mg KOH/g         ASTM D2896         10         4.7		Zinc	ppm	ASTM D5185m	1223	1106	 
Base Number (BN)         mg KOH/g         ASTM D2896         10         4.7		Sulfur	ppm	ASTM D5185m	4079	3761	 
		Oxidation	Abs/.1mm	*ASTM D7414	>25	15.1	 
Visc @ 100°C cSt ASTM D445 15.0 🤚 11.3 🦯		Base Number (BN)	mg KOH/g			4.7	 
		Visc @ 100°C	cSt	ASTM D445	15.0	11.3	 





Contact/Location: N. FACEY - VOLVO0095 Page 2 of 2