

LUBRICANT AND FLUID APPLICATIONS EURO VI








COMMERCIAL VEHICLES



LONG HAUL **RANGE T**

				RENAULT TRUCKS OILS				USE		km x 1000	
ENGINE LUBRICANT											
T520 T480 T440	DTI 13	37 (steel) 33 (plastic)				74 21 561 278 (X2) 74 21 561 284 (X1)	L M H S VS VS+	100 75 60 45 20 -		- 750 600 600 600	
T460 T430 T380	DTI 11 Step B		RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	**Possible kits 74 85 137 269 74 85 146 800 50 01 875 125 74 23 108 289		L M H S VS VS+	75 60 45 35 20 -	1 year	- 600 450 450 450	
		36.5					L M H S VS VS+	100 75 60 45 20 -		- 750 600 600 600	
	DTI 11 Step C						L M H S VS VS+	75 60 45 35 20 -		- 600 450 450 450	
GEARBOX LUBRICANT											
Optidriver	AT2412/D/E/F, AT2412/D/E/F, AT02612/D/E/F Power take-off	16 0.8	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 22 051 238 (X1)		L, M, H, S VS	450 200	3 years	-	
Manual B14	VT2214B, VT2514B, VT02214B, VT02514B Power take-off	13.5 0.8	97315	Longevia BVHD 75W-90	74 22 419 050 (X1)		VS+	-	-	2500	
Retarder VOITH	RET TH	5.4	VOITH Class C	Longevia BXI ECO 75W-80	-		L, M, H S VS, VS+	200 150 100	2 years	-	
			VOITH Class B	Longevia BZV ECO 75W-80	-	L, M, H S VS, VS+	135 90 65				
AXLE LUBRICANT											
RSR 1370F	P1361	18 + 2x2	97312	Longevia TCX ECO 75W-90	-		L, M, H, S VS VS+	450 200	3 years	-	
RSR 1344C/D	P13170	12.5							-	2500	
STEERING SYSTEM LUBRICANT											
Without rear steering axle		4	Dexron III H	Starmatic 3/Starmatic A3/ Starmatic S3	-						
With rear steering axle		8-10									
COOLANT											
	DTI 11	33.5	41-01-001/--S Type D	Ultracooling Plus	-	L, M, H, S VS, VS+	500	4 years	8000	-	
	DTI 11 + VOITH	46.5									
	DTI 13	45									
	DTI 13 + VOITH	58									
CLUTCH LUBRICANT											
		0.5	DOT 4, SAE J1703F	Fluid FE 4	-				2 years		
DRIVER'S CAB LUBRICANT											
	T > -15°C T < -15°C	0.7	Dexron III H ST 22 M	Starmatic 3/Starmatic S3/ Starmatic A3 ST 22 M	-						
AIR CONDITIONING COMPRESSOR LUBRICANT											
		175 cm³	SP15 or SP10	Clim 244	-				3 years		

DISTRIBUTION **RANGE D**

<div><div></div><div>RENAULT TRUCKS OILS</div><div></div></div>									
ENGINE LUBRICANT									
D WIDE 18-19 T D WIDE 26 T	DTI 11 Step B	36.5	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	74 21 857 436 (X1)	L	75	1 year	-
	M					60	600		
	H					45	750		
	S	35				450			
	VS	20				450			
D 14 T Medium/High (4x2) D 15 T Medium (4x2) D 16 T Medium/High (4x2) D 18 T High (4x2) D 12 T High (4x4) D 14 T High (4x4) D 16 T High (4x4)	DTI 11 Step C	24	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	74 21 857 436 (X1)	L	100	2 years	-
	M					75	120		
	H					60	1000		
	S	45				600			
	VS	20				600			
D 10-12 T Low D 12 T Medium D 13 T High	DTI 8	18.5	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	74 21 857 436 (X1)	L	100	24	-
	M					75	1200		
	H					60	1000		
	S	45				600			
	VS	20				600			
D 10-12 T Low D 12 T Medium D 13 T High	DTI 5	13.5	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	74 21 857 436 (X1)	L	50	2 years	-
	M					45	1000		
	H					40	600		
	S, VS	25				600			
	GEARBOX LUBRICANT								
Optidriver (D WIDE, DTI8)	AT 2412 E/F, ATO 2612E/F Power take-off	14.5 1	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 22 051 238 (X1)	L, M, H, S VS	450 200	3 years	-
Optidriver (D WIDE, DTI11)	AT 2412 E/F, ATO 2612E/F Power take-off	14.5 1	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90		L, M, H, S VS	450 200	3 years	-
Allison (DTI 8)	AL306 with retarder AL306 without retarder Power Take-Off	22 18 0.8	TES 389	Starmatic A3	74 21 024 490 (X1)	L, M, H S, VS	40 20	1 year 6 months	1000 500
Allison (DTI 5)	AL205 Power take-off	10 0.8				L, M, H S, VS	40 20	1 year 6 months	1000 500
ZF Manual	ZT01006 ST08006 Power take-off	10.4 10.2 0.5	ZF TE-ML 01E, 02E	Longevia BZV ECO 75W-80	50 01 872 645 (X1)	1st drain L, M, H S, VS	16 80 20	- 2 years 6 months	400 200 500
	ZT01109 + Interarder	8.9 13					L, M, H S, VS	360 200	3 years
ZF Optitronic	ATO8006 ATO1056 Power take-off Power-Pack	10.4 10.2 0.5 1.15	ZF TE-ML 02K	Longevia BZV ECO 75W-80	50 01 855 097 (X1) (Interarder)	L, M, H S, VS	360 200	3 years	-
	Retarder VOITH	RET TH					5.4	VOITH Class C Longevia BXI ECO 75W-80	-
				VOITH Class B Longevia BZV ECO 75W-80	-	L, M, H S VS	135 90 65	-	-
TRANSFER CASE LUBRICANT									
ZF STEYR (DTI 8)	VG 750	5.5	ZF TE-ML 19 B/C	Longevia TC ECO 80W-90 Longevia TCX ECO 75W-90	-	L, M, H S, VS	60 20	1 year	-
AXLE LUBRICANT									
Front FA411	PA611	6.8 + 2 x 1.1	First Oil Change (Front Axle)			L, M H S VS	240 160 120 60	2 years	-
RSR 1140C RSR 1340	P1191 P1391	17.3 + 2 x 0.5	API GL5 and MT1 80W-90	Longevia TCX ECO 75W-90	-	L, M, H, S VS	450 200	3 years	-
	RTH 2180C (PMR2191)	Intermediate axle Rear axle				19.7 + 2 x 0.5 17.3 + 2 x 0.5	L, M, H H S VS	240 160 120 60	2 years 1 year 3 years
RSR 0819A RSR 1125A/RSR 1344C	P08120 P11140 / P13170	7 12.5	79312	Longevia P ECO 80W-140	-	L, M, H, S VS	450 200	3 years	-
RSR 1132A RSR 1370F	P11150 P1361	15 18 + 2 x 2.0	API GL-5, xW-140 SAE J2360	Longevia P ECO 80W-140	-	L, M, H, S VS	200 120 60	1 year	-
STEERING SYSTEM LUBRICANT									
Without rear steering axle		4	Dexron III H	Starmatic 3/Starmatic A3/ Starmatic S3	-				
COOLANT									
	DTI 11	40	41-01-001/--S Type D	Ultracooling Plus	-	L, M, H, S VS, VS+	500	4 years	8000
	DTI 11 + VOITH	55							
	DTI 8	31.1							
	DTI 8 + Allison AL306	43.4							
	DTI 8 + Allison AL306 + Retarder	44.7							
	DTI 8 + ZT01006/1109	31.5							
	DTI 8 + ZT01109 + Interarder	48.5							
	DTI 8 + Allison 306	45.8							
	DTI 8 + Allison 306 + Retarder	47.1							
	DTI 8 + Optidriver	40							
	DTI 8 + Optidriver + VOITH	55							
	DTI 5	27.5							
	DTI 5 + Allison AL205	32.8							
	DTI 8 RASEC	31.5							
CLUTCH LUBRICANT									
		0.5	DOT 4	Fluid FE 4	-			2 years	
DRIVER'S CAB LUBRICANT									
2 doors	T > -15°C	0.7	Dexron III H	Starmatic 3/Starmatic S3/ Starmatic A3	-				-
	T < -15°C								
4 doors	T > -15°C	1.5	Dexron III H	Starmatic 3/Starmatic S3/ Starmatic A3	-				-
	T < -15°C								
AIR CONDITIONING COMPRESSOR LUBRICANT									
		175 cm ³	SP15 or SP10	Clim 244	-			3 years	-

*Refer to service note for Truck Preventative Maintenance Intervals 3/2017

**Refer to "Impact" for assignment of kits

L	Light
M	Medium
H	Heavy
S	Severe
VS	Very Severe
VS+	Very Severe +
AWD	All Wheel Drive

HEAVY CONSTRUCTION **RANGE K**

				RENAULT TRUCKS OILS		USE		km x1000			
ENGINE LUBRICANT											
K520 K480 K440	DTI 13	37 (steel) 33 (plastic)					L M H S VS VS+	100 75 60 45 20 -	- 750 600 600 600		
K460 K430 K380	DTI 11 Step B	36.5	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	**Possible kits 74 85 137 269 74 85 146 800 50 01 875 125 74 23 108 289	L M H S VS VS+	75 60 45 35 20 -	1 year	600 450 450 450		
	DTI 11 Step C					L M H S VS VS+	100 75 60 45 20 -		750 600 600 600		
						L M H S VS VS+	75 60 45 35 20 -				
GEARBOX LUBRICANT											
Optidriver (excluding AWD)	AT2412/D/E/F, AT2612/D/E/F, AT02612/D/E/F Power take-off	16 0.8	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 22 051 238 (X1)	L, M, H, S VS	450 200	3 years	-		
Manual B14	VT 2214B, VT 2514B, VTO 2214B, VTO 2514B Power take-off	13.5 0.8	97315	Longevia BVHD 75W-90	74 21 479 106 (X1)	VS+	-	-	2500		
Optidriver (AWD)	AT2412/D/E, AT2612/D/E, AT02612/D/E Power take-off	16 0.8	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 21 725 860 (X1)	L, M, H, S, VS VS+	200 -	3 years	-		
Power Take-Off	HP1600N	3.4	ZF TE-ML 02E	Longevia BZV ECO 75W-80	-	L, M, H, S, VS, VS+	200	2 years	-		
Retarder VOITH	RET TH	5.4	VOITH Class C	Longevia BXI ECO 75W-80	-	L, M, H, S VS, VS+	200 150 100	2 years	-		
			VOITH Class B	Longevia BZV ECO 75W-80	-	L, M, H, S VS, VS+	135 90 65				
TRANSFER CASE LUBRICANT											
Volvo	VT2501 TB-B	5.5	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	-	1st drain L, M, H, S, VS, VS+	10 180	1 month 1 year	-		
AXLE LUBRICANT											
Front FA411	APL 90	15 + 2 x 1.0	ZF TE-ML 12 N/M/E	Longevia TCX ECO 75W-90 Longevia TC ECO 80W-90	-	1st drain L, M, H, S, VS, VS+	10 120	1 month 2 years	-		
RTH 2610F (PMR 2661)	Intermediate axle Rear axle	21.5 + 2 x 2.5 18 + 2 x 2.5	97312	Longevia TCX ECO 75W-90	-	L, M, H, S VS VS+	200 450 200	3 years 3 years -	-	2500	
RTH 3212F (PMR3361R)	Intermediate axle Rear axle	20 + 2 x 2.0 16.5 + 2 x 2.0									
RSR 1365	P1361X	20 + 2 x 2.0									
RSR 1370F	P1361	18 + 2 x 2.0									
STEERING SYSTEM LUBRICANT											
Without rear steering axle		4	Dexron III H	Starmatic 3/Starmatic A3/ Starmatic S3	-						
With rear steering axle		8-10									
COOLANT											
	DTI 11 DTI 11 + VOITH DTI 13 DTI 13 + VOITH	33.5 46.5 45 58	41-01-001/--S Type D	Ultracooling Plus	-	L, M, H, S VS, VS+	500	4 years	-	8000	
CLUTCH LUBRICANT											
		0.5	DOT 4, SAE J1703F	Fluid FE 4	-			2 years	-		
DRIVER'S CAB LUBRICANT											
	T + -15°C T - -15°C	0.7	Dexron III H ST 22 M	Starmatic 3/Starmatic S3/ Starmatic A3 ST 22 M	-						
AIR CONDITIONING COMPRESSOR LUBRICANT											
		175 cm³	SP15 or SP10	Clim 244	-			3 years	-		
CONSTRUCTION RANGE C											
				DRAIN SERVICE/INTERVAL*							
ENGINE LUBRICANT											
C520 C480 C440	DTI 13	37 (steel) 33 (plastic)					L M H S VS VS+	100 75 60 45 20 -	- 750 600 600 600		
C460 C430 C380	DTI 11 Step B	36.5	RLD-3	Maxeon XE6 ECO 5W-30 Maxeon ME6 ECO 10W-30 Maxima CRX ECO 10W-30	**Possible kits 74 85 137 269 74 85 146 800 50 01 875 125 74 23 108 289 74 23 108 290 74 23 108 293	L M H S VS VS+	75 60 45 35 20 -	1 year	600 450 450 450		
	DTI 11 Step C					L M H S VS VS+	100 75 60 45 20 -		750 600 600 600		
						L M H S VS VS+	100 75 60 45 20 -				
C320 C280 C250	DTI 8	24			74 21 857 436 (X1) Kit: 74 23 108 293	L M H S VS VS	100 75 50 30 15	2 years	1200 1000 600		
GEARBOX LUBRICANT											
Optidriver (excluding AWD)	AT2412/D/E/F, AT2612/D/E/F, AT02612/D/E/F Power take-off	16 0.8	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 22 051 238 (X1)	L, M, H, S VS	450 200	3 years	-		
Manual B14 (DTI 11, DTI 13)	*VT2214B, VT2514B, VT02214B, VT02514B Power take-off	13.5 0.8	97315	Longevia BVHD 75W-90	74 22 419 050 (X1)	VS+	-	-	2500		
Optidriver (AWD)	AT2412/D/E, AT2612/D/E, AT02612/D/E Power take-off	14.5 0.8	97307 97315	Longevia BZV ECO 75W-80 Longevia BVHD 75W-90	74 21 725 860 (X1)	L, M, H, S VS	200 -	3 years	-		
Power Take-Off	HP1600N, HP2000N AL306 with retarder AL306 without retarder	1 22 18	ZF TE-ML 02E TES 389	Longevia BZV ECO 75W-80 Starmatic A3	-	L, M, H, S, VS, VS+	200	2 years	-		
Allison (DTI 8)	ZTO 1006, ZTO1109 ZTO1109 + Interarder	8.9 0.8			74 21 024 490 (X1)	L, M, H, S VS	40 20	1 year 6 months	1000 500		
ZF Manual (DTI 8)	Power take-off	0.8	ZF TE-ML 01E, 02E	Longevia BZV ECO 75W-80	50 01 855 097 (X1) (Interarder)	L, M, H S, VS	360 150	3 years 2 years	-		
Retarder VOITH (DTI 11, DTI 13)	RET TH	5.4	VOITH Class C VOITH Class B	Longevia BXI ECO 75W-80 Longevia BZV ECO 75W-80	-	L, M, H VS, VS+ L, M, H S VS, VS+	200 150 100 135 90 65	2 years	-		
AXLE LUBRICANT											
RSR 1340 (C 2 steps)	P1391	17.3 + 2 x 0.5	97312	Longevia TCX ECO 75W-90		L, M, H, S VS VS+	450 200 -	3 years	-	2500	
RTH 2180C (PMR2191)	Intermediate axle Rear axle	19.7 + 2 x 0.5 17.3 + 2 x 0.5	API GL-5 and MT-1, 80W-90	Longevia TC ECO 80W-90		L, M, H S VS VS	240 160 120 60	2 years 1 year	-	600	
			API GL-5, xW-140 SAE J2360	Longevia P ECO 80W-140	-	L, M, H, S VS VS+	120 60 -	1 year	-	600	
RSS 1344C/D	P13170	12.5	97312	Longevia TCX ECO 75W-90		L, M, H, S VS	450 200	3 years	-	2500	
RTH 2610F (PMR2661)	Intermediate axle Rear axle	21.5 + 2 x 2.5 18 + 2 x 2.5	API GL-5, xW-140 SAE J2360	Longevia P ECO 80W-140		L, M, H, S VS VS+	120 60 -	1 year	-	600	
RTS 2370A (PMR23170)	Intermediate axle Rear axle	20 14				L, M, H, S VS VS+	120 60 -	1 year	-	600	
RASEC	Rear steering wheels	31.5	Dexron III H	Starmatic 3/Starmatic S3							
OPTITRACK	Front-wheel drive	37	HV 32	ST 32 M	74 85 132 744 (X1)**	L, M, H, S, VS, VS+	120	2 years	-		
STEERING SYSTEM LUBRICANT											
		4.5	Dexron III H	Starmatic 3/Starmatic A3/ Starmatic S3	-						
COOLANT											
	DTI 13 DTI 13 + VOITH DTI 11 DTI 11 + VOITH DTI 11 (C 25 STEPS) DTI 11 + VOITH (C 25 STEPS) DTI 8 + ZTO1006/1109 DTI 8 + ZTO1109 + Interarder DTI 8 + Allison 306 DTI 8 + Allison 306 + Retarder DTI 8 + Optidriver DTI 8 + Optidriver + VOITH DTI 8 RASEC	45 98 33.5 46.5 40 55 31.5 48.5 45.8 47.1 40 55 31.5	41-01-001/--S Type D	Ultracooling Plus	-	L, M, H, S VS, VS+	500	4 years	-	8000	
						L, M, H, S, VS, VS+	400	3 years	-		
						L, M, H, S, VS, VS+	250	3 years	-		
CLUTCH LUBRICANT											
		0.5	DOT 4	Fluid FE 4	-			2 years	-		
DRIVER'S CAB LUBRICANT											
2 doors	T + -15°C T - -15°C	0.7	Dexron III H ST 22 M	Starmatic 3/Starmatic A3/ Starmatic S3	-						
4 doors	T + -15°C T - -15°C	1.5	Dexron III H ST 22 M	Starmatic 3/Starmatic A3/ Starmatic S3	-						
AIR CONDITIONING COMPRESSOR LUBRICANT											
		175 cm³	SP15 or SP10	Clim 244	-			3 years	-		