aprilia

TECHNICAL DATA SHEET

Technical Documentation Department

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Model	Version	From (year)	To (year)	Country	Frame number	Engine type	Intake valve play (mm)	Exhaust valve play (mm)	Displacement (cm³)	Idling speed (rpm)	Clutch type	Transmission	Oil pressure (bar - rpm)	Engine oil quantity without filter/with filter (cm³)	Mix oil quantity (L)	Transmission/ gearbox oil quantity (cm³)	RHLH fork oil quantity (cm³)	Coolant quantity (% H2O / % glycol) (L)	Chain play (mm)	Chain wear limit (n. pins / mm)	Carburetor make and type	Max / Min jet	Starting jet	Air screw turns (from fully closed)	Front/rear brake disc wear limit	Front/rear wheel rim	Front tyre size	Front tyre pressure driver only/driver + passenger (bar)	Rear tyre size	Rear tyre pressure driver only/driver + passenger (bar)	Spark advance (degrees/rpm)	Spark plug make and type	Spark plug gap (mm)	Battery type	Adjustment voltage (V)	Minimum flywheel voltage (V)	Pick-up control (Ohms)	Mix oil/engine oil type (min. specifications)	Engine oil viscosity (SAE)	Transmission oil type (min. specifications)	Transmission/gearbox oil viscosity (SAE)	Fork oil viscosity (SAE)	Brake fluid (min. specifications)	Clutch control fluid	Model
AREA 51		1999	2001	EU	MY	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	-	0,8 (50/50)	-	-	Dell'Orto PHBN 12	84/38	45	2+1/2	-	3,50x13"/3,50x13"	130/60 13"	1,8/2,0	130/60 13"	2,0/2,2	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	AREA 51
AREA 51	Kat	1999	2001	EU	MY	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	-	0,8 (50/50)	-	-	Dell'Orto PHBN 12	74/34	45	3 ± 1/4	-	3,50x13"/3,50x13"	130/60 13"	1,8/2,0	130/60 13"	2,0/2,2	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	AREA 51
AREA 51	Euro 1	2001	2003	EU	MY	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	-	0,8 (50/50)	-	-	Dell'Orto PHBN 12	65/32	45	3 ± 1/4	-	3,50x13"/3,50x13"	130/60 13"	1,8/2,0	130/60 13"	2,0/2,2	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	AREA 51
CLASSIC 50	4 Gear	1998			LP	AM4	-	-	49,7	1500	Multidisk, oil bath	Mechanical, 4-speed	-	750	1,4	-	290/200	0,9 (40/60)	30	-	Dell'Orto SHA 14.12	52/-	-	-	-	1,60x18" / 1,00x16"	2,75x18"	1,7	120/90 16"	1,9	17"/2000	NGK BR8ES - Bosch W3CC	0,5	12V - 4Ah	13 - 15	30	-	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	CLASSIC 50
CLASSIC 50	5 Gear	1998			LP	AM5	-	-	49,7	1500	Multidisk, oil bath	Mechanical, 5-speed	-	750	1,4	-	290/200	0,9 (40/60)	30	-	Dell'Orto SHA 14.12	62/-	-	-	-	1,60x18" / 1,00x16"	2,75x18"	1,7	120/90 16"	1,9	17"/2000	NGK BR8ES - Bosch W3CC	0,5	12V - 4Ah	13 - 15	30	-	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	CLASSIC 50
MOJITO 50	Retrò/Custom	2002	2003		PK	Aprilia Engines	-	-	49,38	1600 ± 200	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	130	-	Air cooled	-	-	Keihin PWS 12	70 (D and Kat) 80 (Eu)/38	45	1+1/4	-	3,00x12" / 4,00x10"	120/70 12" 51J	1,7/1,9	130/70 10" 59J	1,9/2,1	14° ± 1°	NGK R BPR8HS NGK R BPR7HS	0,6 - 0,7	12V - 4Ah	13 - 15	41,2 (white/ground) 35 (yellow-red/ground)	185 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	MOJITO 50
MOJITO 50	Custom Euro2	2004			PK	PA C216M	-	-	49,39	1800 ± 200	Automatic dry centrifugal	Continuous automatic variator	-	-	1,4	130	-	Air cooled	-	-	Dell'Orto PHVA 17,5	53/32	50	1+1/2	-	3,00x12" / 4,00x10"	120/70 12" 51J	1,7/1,9	130/70 10" 59J	1,9/2,1	17" ± 1°	Champion RN1C	0,6 - 0,7	12V - 4Ah	13 - 15	-	-	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	MOJITO 50
MX 50	Euro 2	2003		EU	ST	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,3	820	645/645	0,9 (40/60)	40	2,5/32	Dell'Orto SHA 14.12	80/32	45	3+1/5	3,5/3,5	2,50x17"/3,00x17"	100/80 17"	1,8	130/70 17"	1,9	20°	NGK BR9ES	0,6 - 0,7	12V - 4Ah	13 - 15	40	125 ± 10%	ISO-L-ETC ++, A.P.I TC++	-	CCMC G4,P.I. SG	15W/50	5W-20W	DOT 5 (DOT 4)	-	MX 50
MINI RX 50	Entry	2003		EU		CHR 50	-	-	49,80	-	Automatic dry centrifugal	-	-	-	-	250	-	Air cooled	-	-	Dell'Orto PHBN 14 MS	67/38	50	-	-	10" / 10"	2,50x10"	1,0	2,50x10"	1,0	-	Champion C53	0,6 - 0,7	-	-	-	-	ISO-L-ETC ++, A.P.I TC++	-	CCMC G2/D1 A.P.I.SF/CC	20W/30	5W-20W	-	-	MINI RX 50
MINI RX 50	Challenge	2003		EU		CHR 50	-	-	49,80	-	Automatic dry centrifugal	-	-	-	-	250	-	Air cooled	-	-	Dell'Orto PHBN 14 MS	67/38	50	-	-	14" / 12"	2,50x14"	1,0	3,00x12"	1,0	-	Champion C53	0,6 - 0,7	-	-	-	-	ISO-L-ETC ++, A.P.I TC++	-	CCMC G2/D1 A.P.I.SF/CC	20W/30	5W-20W	-	-	MINI RX 50
MINI RX 50	Experience	2003		EU		CHR 50	-	-	49,91	-	Automatic dry centrifugal	-	-	-	-	250	200/200	Air cooled	-	-	Dell'Orto PHBG 19 BS	94/48	60	-	-	12" / 10"	2,50x12"	1,0	2,50x10"	1,0	-	Champion C53	0,6 - 0,7	-	-	-	-	ISO-L-ETC ++, A.P.I TC++	-	CCMC G2/D1 A.P.I.SF/CC	20W/30	5W-20W	-	-	MINI RX 50
QUASAR 50			2002		EU	AF	AE0N 50	-	-	49,3	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1	110	-	Air cooled	15 - 20	-	Mikuni 13	75/17,5	-	-	-	5,2x7" / 5,2x7"	16x8 7"	0,25	16x8 7"	0,25	15° ± 1°	NGK BR7HS NGK BPR7HS	0,6 - 0,7	12V - 4Ah	13,5 - 15,5	-	-	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	85W/140	-	-	-	-	QUASAR 50
RALLY 50	Air Cooled	1999	2003	EU	TM	MY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	0/34	Air cooled	-	-	Dell'Orto PHBN 12	90/50	46	1+1/2	3,0/3,0	3,00x12" / 3,00x12"	120/80 12" 55J	1,21/1,4	130/90 12" 55J	1,5/1,7	14° ± 2° /2000	NGK BR7HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RALLY 50
RALLY 50	Liquid Cooled	1999	2003	EU	TM	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	0/34	0,8 (50/50)	-	-	Dell'Orto PHBN 12	90/50	46	1+1/2	3,0/3,0	3,00x12" / 3,00x12"	120/80 12" 55J	1,21/1,4	130/90 12" 55J	1,5/1,7	14° ± 2° /2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RALLY 50
RALLY 50	Liquid Cooled - 10" Wheels	1999	2003	EU	TM	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,3	110	0/34	0,8 (50/50)	-	-	Dell'Orto PHBN 12	90/50	46	1+1/2	3,0/3,0	3,50x10" / 3,50x10"	120/90 10"	1,3/1,9	130/90 10"	1,7/2,1	14° ± 2° /2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RALLY 50
RS 50	Euro 1		2003	EU	TE	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,6	820	285/285	0,9 (50/50)	25	-	Dell'Orto SHA 14.12	74/32	50	1+1/2 ± 1/8	3,5/3,5	2,50x17"/3,00x17"	90/80 17" 46P/S	1,71/1,8	110/80 17" 57P/S	1,92/1	14° ± 2°	NGK BR9ES	0,6 - 0,7	12V - 4Ah	13,5 - 15	35	125 ± 15	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RS 50
RS 50	Euro 2	2003		EU	TE	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,6	820	285/285	0,9 (50/50)	25	-	Dell'Orto PHBN 16	80/32	45	1+1/4 ± 1/8	3,5/3,5	2,50x17"/3,00x17"	90/80 17" 46P/S	1,71/1,8	110/80 17" 57P/S	1,92/1	14° ± 2°	NGK BR9ES Champion RN1C	0,6 - 0,7	12V - 4Ah	13,5 - 15	35	120 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RS 50
RS 50 Tuono	Euro 1		2003	EU	TE	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,6	820	285/285	0,9 (50/50)	25	-	Dell'Orto SHA 14.12	74/32	50	1+1/2 ± 1/8	3,5/3,5	2,50x17"/3,00x17"	90/80 17" 46P/S	1,71/1,8	110/80 17" 57P/S	1,92/1	14° ± 2°	NGK BR9ES - Champ RN1C NGK R BR9ES (Kat.D.NL)	0,6 - 0,7	12V - 4Ah	13,5 - 15	35	120 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RS 50
RS 50 Tuono	Euro 2	2003		EU	TE	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,6	820	285/285	0,9 (50/50)	25	-	Dell'Orto PHBN 16	80/32	45	1+1/4 ± 1/8	3,5/3,5	2,50x17"/3,00x17"	90/80 17" 46P/S	1,71/1,8	110/80 17" 57P/S	1,92/1	14° ± 2°	NGK BR9ES - Champ RN1C NGK R BR9ES (Kat.D.NL)	0,6 - 0,7	12V - 4Ah	13,5 - 15	35	120 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RS 50
RX 50	Euro 1		2003	EU	ST	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,3	820	550/550	0,9 (40/60)	40	2,5/32	Dell'Orto SHA 14.12	74/32	50	1+1/2 ± 1/8	3,5/3,5	1,60x21" / 1,85x18"	90/90 21"	1,6	110/80 18"	1,8	20°	NGK BR9ES	0,6 - 0,7	12V - 4Ah	13 - 15	30	125 ± 15	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RX 50
RX 50	Euro 2	2003		EU	ST	AM6	-	-	49,75	1500	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,3	820	645/645	0,9 (40/60)	40	2,5/32	Dell'Orto PHBN 16	80/32	45	1+1/4 ± 1/8	3,5/3,5	1,60x21" / 1,85x18"	90/90 21"	1,6	110/80 18"	1,8	20°	NGK BR9ES	0,6 - 0,7	12V - 4Ah	13 - 15	40	125 ± 15	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RX 50
RX 50 Racing		2002		EU	ST	AM6	-	-	49,75	1600	Multidisk, oil bath	Mechanical, 6-speed	-	-	1,3	820	400/400	0,9 (40/60)	30 -35	2,5/32	Dell'Orto PHBN 16	80/32	45	1+1/4	3,5/3,5	1,60x21" / 1,85x18"	80/90 21"	1,8/2,0	110/80 18"	1,8/2,0	20°	NGK BR9ES	0,6 - 0,7	12V - 4Ah	13 - 15	40	125 ± 15	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	RX 50 Racing
SCARABEO 50 2T	Minarelli	1999	2002		TH	MY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1	110	-	Air cooled	-	-	Dell'Orto PHBN 12	70/38	45	2+3/4	3,5(3,5)	1,60x16" / 1,85x16"	2,50x16" 42J	1,8/1,8	2,75x16" 46J	2,2/2,3	14° ± 2° / 2000	NGK BR7HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	50	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	-	DOT 5 (DOT 4)	-	SCARABEO 50 2T
SCARABEO 50 2T	Minarelli - Euro 2	2003		EU	TH	MY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1	110	-	Air cooled	-	-	Dell'Orto PHBN 12	56/38	45	2+3/4	3,5/3,5	1,60x16" / 1,85x16"	2,50x16" 42J	1,8/1,8	2,75x16" 46J	2,2/2,3	14° ± 2° / 2000	NGK BR7HS	0,5 - 0,6	12V - 4Ah	13 - 15	41,2 (orange/ground) 35 (yellow-red/ground)	120 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	-	DOT 5 (DOT 4)	-	SCARABEO 50 2T
SCARABEO 50 i.e.		2001	2003		TH	AE Di-Tech	-	-	49,38	1650 ± 50	Automatic dry centrifugal	Continuous automatic variator	-	-	1,5	130	-	Air cooled	-	-	-	-	-	-	3,5/3,5	1,60x16" / 1,85x16"	2,50x16" 42J	1,9/1,9	2,75x16" 46J	2,2/2,3	ECU controlled (20°/3000 - 17°/7500)	NGK R CR8E	0,55 - 0,65	12V - 4Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow-red/ground)	385 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	-	DOT 5 (DOT 4)	-	SCARABEO 50 i.e.
SCARABEO 50 4T		2001	2003	EU	TG	C373M	0,10	0,15	49,93	1950 ± 50	Automatic dry centrifugal	Continuous automatic variator	-	850	-	80	-	Air cooled	-	-	Keihin CVK 18 - Walbro WP 16A	75/35 (Keihin)	48 (Keihin)	2	3,5	1,60x16" / 1,85x16"	2,50x16" 42J	1,9/1,9	2,75x16" 46J	2,2/2,3	ECU controlled (10°/1500 - 26°/5-6000)	NGK CR8EB - Champion RG4HC / RG4PHP	0,7 - 0,8	12V - 9Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow/ground)	170	CCMC G-4,P.I. SG,	5W/40	A.P.I. GL4	75W/90	-	DOT 5 (DOT 4)	-	SCARABEO 50 4T
SCARABEO 50 4T		2001	2003	USA	TG	C373M	0,10	0,15	49,93	1950 ± 50	Automatic dry centrifugal	Continuous automatic variator	-	850	-	80	-	Air cooled	-	-	Keihin CVK 18 - Walbro WP 16A	75/35 (Keihin)	48 (Keihin)	2	3,5	1,60x16" / 1,85x16"	2,50x16" 42J	1,9/1,9	2,75x16" 46J	2,2/2,3	ECU controlled (10°/1500 - 26°/5-6000)	NGK CR8EB - Champion RG4HC / RG4PHP	0,7 - 0,8	12V - 9Ah	13,5 - 15	41,2 (orange/ground) 35 (yellow/ground)	170	CCMC G-4,P.I. SG,	5W/40	A.P.I. GL4	75W/90	-	DOT 5 (DOT 4)	-	SCARABEO 50 4T
SONIC 50	Air Cooled	1999	2003	EU	TL	CY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	100	49/49.5	Air cooled	-	-	Dell'Orto PHBN 12	62/32	45	3+1/2	3,0	2,50x10" / 2,50x10"	100/90 10" 56J	1,71/1,7	100/90 10" 56J	1,92/1	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SONIC 50
SONIC 50	Air Cooled - 25km/h	1999	2003	EU	TL	CY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	100	49/49.5	Air cooled	-	-	Dell'Orto PHBN 12	68/40	45	2+3/4	3,0	2,50x10" / 2,50x10"	100/90 10" 56J	1,71/1,7	100/90 10" 56J	1,92/1	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SONIC 50
SONIC 50	Liquid Cooled	1999	2003	EU	TL	CA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	100	49/49.5	1,0 (50/50)	-	-	Dell'Orto PHBN 12	70/38	45	2+3/4	3,0/3,0	2,50x10" / 2,50x10"	100/90 10" 56J	1,71/1,7	100/90 10" 56J	1,92/1	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SONIC 50
SONIC 50	Liquid Cooled - 25 Km/h	1999	2003	EU	TL	CA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	100	49/49.5	1,0 (50/50)	-	-	Dell'Orto PHBN 12	66/38	45	2+3/4 - 3	3,0/3,0	2,50x10" / 2,50x10"	100/90 10" 56J	1,71/1,7	100/90 10" 56J	1,92/1	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SONIC 50
SONIC 50	Euro 2	2003		EU	TL	CY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	100	49/49.5	1,0 (50/50)	-	-	Dell'Orto PHBN 12 GS	58/32	45	3+7/8 ± 1/8	3,0	2,50x10" / 2,50x10"	100/90 10" 56J	1,71/1,7	100/90 10" 56J	1,92/1	14° ± 2° / 2000	NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	800 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SONIC 50
SR 50	Minarelli Air Cooled	1999	2001	EU	RL	MY50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	110	-	Air cooled	-	-	Dell'Orto PHBN 12 - Tai Kai TK 3AA	90/50	46	1+1/2	3,0(3,0)	3,50x13" / 3,50x13"	130/60 13" 53J	1,7/1,7	130/60 13" 53J	1,92/1	14° ± 2° / 2000	NGK BR7HS NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50
SR 50	Minarelli Liquid Cooled	1999	2001	EU	RL	MA50	-	-	49,26	1800 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	110	-	1,2 (50/50)	-	-	Dell'Orto PHBN 12 - Tai Kai TK 3AA	90/50	46	1+1/2	3,0(3,0)	3,50x13" / 3,50x13"	130/60 13" 53J	1,7/1,7	130/60 13" 53J	1,92/1	14° ± 2° / 2000	NGK BR7HS NGK BR8HS	0,5 - 0,6	12V - 4Ah	13,5 - 15	41,2 (white/ground) 35 (yellow-red/ground)	500 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50
SR 50	Aprilia Engine	2002	2003	EU	RL	AE L02	-	-	49,38	1700 ± 200	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	130	-	1,2 (50/50)	-	-	Keihin PWS 12	70/38	45	2+3/4 ± 1/4	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,7/1,7	130/60 13" 53J	1,92/1	16.5"x3"/1000 - 15"x8000	NGK R BPR7HS NGK R BPR8HS	0,6 - 0,7	12V - 4Ah	13 - 15	41,2 (white/ground) 35 (yellow-red/ground)	190 ± 20%	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50
SR 50 i.e.	Ditech	1999	2003	EU	RL	AE Di-Tech	-	-	49,38	1500 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,6	130	-	1,2 (50/50)	-	-	-	-	-	-	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,8/1,8	130/60 13" 53J	2,0/2,2	ECU controlled (20°/3000 - 17°/7500)	NGK R CR8E NGK R BPR8HS	0,8 - 0,9	12V - 4Ah	13,5 - 15	50	110	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50 i.e.
SR 50 i.e.	Purejet	2003	2003	EU	TE	PA C361M	-	-	49,38	2000 ± 50	Automatic dry centrifugal	Continuous automatic variator	-	-	1,2	75	-	1,2 (50/50)	-	-	-	-	-	-	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,8/1,8	130/60 13" 53J	2,0/2,2	ECU controlled (20°/3000 - 17°/7500)	NGK R CR8E NGK R BPR8HS	0,8 - 0,9	12V - 4Ah	13,5 - 15	50	110	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50 i.e.
SR 50 i.e.	Ditech	2004		EU	VF	AE Di-Tech	-	-	49,38	1600 ± 100	Automatic dry centrifugal	Continuous automatic variator	-	-	1,2	130	103	1,2 (50/50)	-	-	-	-	-	-	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,8/1,8	130/60 13" 53J	2,0/2,2	ECU controlled (20°/3000 - 17°/7500)	NGK R CR8E NGK R ZMR7AP	0,9	12V - 9Ah	13,5 - 15	50	110	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50 i.e.
SR 50 i.e.	Purejet	2004		EU	VF	PA C361M	-	-	49,38	2000 ± 50	Automatic dry centrifugal	Continuous automatic variator	-	-	1,2	75	103	1,2 (50/50)	-	-	-	-	-	-	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,8/1,8	130/60 13" 53J	2,0/2,2	ECU controlled (20°/3000 - 17°/7500)	Champion RG6YCA NGK R ZMR7AP	0,9	12V - 9Ah	13,5 - 15	50	110	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50 i.e.
SR 50		2004		EU	VF	PA C364M	-	-	49,38	1700 ± 200	Automatic dry centrifugal	Continuous automatic variator	-	-	1,2	75	103	1,2 (50/50)	-	-	Dell'Orto PHVA 17,5	53/32	50	1+1/2	3,0/3,0	3,50x13" / 3,50x13"	130/60 13" 53J	1,8/1,8	130/60 13" 53J	2,0/2,2	20° ± 3°	Champion RN1C	0,6 - 0,7	12V - 9Ah	13,5 - 15	30 - 35	110	ISO-L-ETC ++, A.P.I TC++	-	A.P.I. GL4	75W/90	5W-20W	DOT 5 (DOT 4)	-	SR 50
ATLANTIC 125			2002		SP	PA M245M	0,10	0,15	124	1750 ± 100	Automatic dry centrifugal	Continuous automatic variator	4,0 - 1600 (T=20°) 1,2 - 1500 (T=140°)	1000/1100	-	150	150/150	1,2 (50/50)	-	-	Walbro WVF7C 29 - Keihin CVK7C 30	108/36 Walbro	50	2+5/8	4,5/4,5	3,00x13" / 3,50x13"	110/90 13" 59P	2,0/2,2	130/70 13" 63P	2,2/2,4	Variable, ECU controlled	NGK CR8EB Champion RG4HC	0,7 - 0,8	12V - 12Ah	13 - 15	50	105 - 124	A.P.I. SJ,	5W/40	A.P.I. GL3	75W/90	5W-20W	DOT 5 (DOT 4)	-	ATLANTIC 125
ATLANTIC 200		2002		SP	PA M234M	0,10	0,15	197,75	1750 ± 100	Automatic dry centrifugal	Continuous automatic variator	4,0 - 1600 (T=20°) 1,2 - 1500 (T=140°)	1000/1100	-	150	150/150	1,2 (50/50)	-	-	Walbro WVF7C 29 - Keihin CVK7C 30	118/34 Walbro	50	3	4,5/4,5	3,00x13" / 3,50x13"	110/90 13" 59P	2,0/2,2	130/70 13" 63P	2,2/2,4	Variable, ECU controlled	NGK CR8EB Champion RG4HC	0,7 - 0,8	12V - 12Ah	13 - 15	50	105 - 124	A.P.I. SJ,	5W/40	A.P.I. GL3	75W/90	5W-20W	DOT 5 (DOT 4)	-	ATLANTIC 200
ATLANTIC 250		2004		SP	PA M237M	0,10	0,15	244	1600 ± 100	Automatic dry centrifugal	Continuous automatic variator	4,0 - 1600 (T=20°) 1,2 - 1500 (T=140°)	1000/1100	-	150	150/150	1,2 (50/50)	-	-	Walbro WVF7C 29 - Keihin CVK7C 30	118/34 Walbro	50	3	4,5/4,5	3,00x13" / 3,50x13"	110/90 13" 59P	2,0/2,2	130/70 13" 63P	2,2/2,4	Variable, ECU controlled	NGK CR8EB Champion RG4HC	0,7 - 0,8	12V - 12Ah	13 - 15	50	105 - 124	A.P.I. SJ,	5W/40	A.P.I. GL3	75W/90	5W-20W	DOT 5 (DOT 4)	-	ATLANTIC 250
ATLANTIC 500 Sprint		2004		VL	PA M273M	0,10	0,15	460	1450 ± 100	Automatic dry centrifugal	Continuous automatic variator	4,7 - 1450 (T=20°