

Table of Fuel Specifications for South Africa

Oct-03

Parameter	Unit	South African Fuel Specifications					European Specifications			
			RSA 2003	RSA 2006	RSA 2008	RSA 2010+	Euro 1 (Jan 93)	Euro 2 (Jan 98)	Euro 3 (Jan 00)	Euro 4 (Jan 05)
PETROL							Maximum	Maximum	Maximum	Maximum
Octane		Coast	97L 95/97 ULP	91/95 ULP	91/95 ULP	91/95 ULP	RON (min) 95	RON (min) 95	95/98 (min)	95/98 (min)
		Inland	93L 93 ULP	91/95 ULP	91/95 ULP	91/95 ULP	MON (min) 85	MON (min) 86		
Reid vapour pressure (RVP)	Kpa		W 80 /S 65*	65		tbd	70	70	60	-
Aromatics	% v/v		42	42	42	tbd		-	42	35
Benzene	% v/v		3	3	3	tbd	5	5	1	-
Sulphur (max)	ppm		500-800	500	500	50		max 0.05 % m/m	150	50
Lead (max)	g/l		0,4	nil	nil	nil	0.013	max 0.013	0.005	-
Metal additives (MMT)	ppm		18,0	***	***	***	Country Specific	Country Specific	Country Specific	Country Specific
Ethers and selected alcohols	mm		<10%ULP	2.70%	tbd	tbd				
DIESEL										
Sulphur	ppm		500	500	50	50				

* Winter and Summer levels on Coast

** Review of progress towards Euro 4 specs

*** Will potentially depend on outcome of study

tbd - to be determined