



EU Diesel Specifications

<i>Diesel</i>	EN 590:	Dir 98/70	Dir. 98/70	<i>Proposal MEP Dorette Corbey (July 2007)</i>
Entry into force	1993/1996	2000	2005	2009
Poly Aromatics, vol%, max	N/A	11.0	11.0	6.0
Sulfur, ppm, max	2,000/500	350	50/10 **	10 300
Cetane number, min	46-49	51	51	51
Density @ 15 °C , kg/m ³	820 - 860	845	845	845
Distillation, T95 °C, max	360	360	360	360
				Full alignment of gas oils used for non-road and inland waterways with on-road diesel by Dec. 31, 2009

*2005 introduction of 10ppm sulfur – Fuel must be geographically available in an appropriately balanced manner



EU Gasoline Specifications

<i>Gasoline</i>	EN 228:	Dir 98/70	Dir. 98/70	Proposal MEP Dorette Corbey (July 2007)*
Entry into force	1993/1995	2000	2005	2009
Vehicle emission Standard equivalent	<i>Euro II</i>	<i>Euro III</i>	<i>Euro IV</i>	Euro V
Aromatics, vol%, max	-	42	35	35
Olefins, vol%, max	-	18	18	18
Benzene, vol%, max	5.0	1.0	1.0	1.0
Oxygen, wt%, max	-	2.7	2.7	2.7 (regular petrol) ¹ 3.7 (low biofuel petrol) ²
Sulfur, ppm, max	1,000/500	150	50(10)*	10 150
RVP, kPa summer	35 - 100	60/70 (arctic)	60/70 (arctic)	56 / 66 (arctic) + 4 kPa waiver ³
Lead, g/l max	0.013	None	None	None
Use additives				MMT banned from 2010

*2005 introduction of 10ppm sulfur – Fuel must be geographically available in an appropriately balanced manner

- (1) Regular petrol: Petrol blended with 0-5 vol% biofuel
- (2) Low biofuel petrol: Petrol blended with 5-10 vol% biofuel
- (3) Petrol with a minimum 3% bio content