

Current status of Lead and Sulphur in Fuels in Central and Eastern Europe, the Caucasus and Central Asia

Country	Lead		Sulphur		
	Current Status	Comments	Diesel	Petrol	Comments
Albania	Unleaded	Imports of leaded petrol banned 07/2005. National legislation limit is 0.005 g/l for lead.	350/2,000	150	2000 ppm domestic refinery production (20 percent market share), 350 ppm diesel imported.
Armenia	Unleaded	Unleaded from October 2001.	350	150/500	Armenia imports; plans to transition to 50 ppm then 10 ppm petrol and diesel sulphur from 1 November 2008
Azerbaijan	Unleaded	Has not produced leaded petrol since 1995.	2,000	1,000	Follows GOST standards.** Reduction of diesel sulphur content to 500 ppm by 2015.
Belarus	Unleaded	Ban since 1998.	350	500	Adopted EN 228:1993 since 09/1993 but fuel does not yet fully comply. As its industry is gradually modernized, Belarus expects to be able to produce low sulphur fuel from 2008.
Bosnia and Herzegovina	Dual	Leaded petrol to be banned as of January 1, 2010. Imports some unleaded.	350	150	Over 97 percent of fuel imported from neighboring countries, including Serbia.
Bulgaria	Unleaded	Ban since 2004.	50	50	Follows EU Fuel and Vehicle Directives
Croatia	Unleaded	Ban since 2006.	50	50	New regulation adopted May 2006 transposing 98/70/EC and 1999/32/EC.

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					Rijeka and Sisak refinery upgrades have started, will continue to 2012 and will cost EUR 750 million.
Cyprus	Unleaded	Ban since May 2004.	50	50	Follows EU Fuel and Vehicle Directives
Czech Republic	Unleaded	Ban since 2001.	50	50	Follows EU Fuel and Vehicle Directives
Estonia	Unleaded	Ban since May 2001.	50	50	Follows EU Fuel and Vehicle Directives
Georgia	Unleaded	Ban since 2000.	350	500	Imports fuel. Gradual move to 50 ppm petrol by 1/1/2011; 50 ppm diesel 1/1/2010
Hungary	Unleaded	Ban since 1999.	10	10	Follows EU Fuel and Vehicle Directives
Kazakhstan	Unleaded		2,000	150/500	Follows GOST standards.
Kyrgyzstan	Unleaded	Ban since 2002.	2,000	1,000	Follows GOST standards.
Latvia	Unleaded	Ban since 2001.	50	50	Follows EU Fuel and Vehicle Directives
Lithuania	Unleaded	Ban since 2001.	50	50	Follows EU Fuel and Vehicle Directives
Montenegro	Dual	Imports from Serbia.	10,000	1,000	Imports from Serbia.
Poland	Unleaded	Ban since 2003.	50	50	Follows EU Fuel and Vehicle Directives
Moldova	Unleaded	Ban since 2002.	2,000	500	Follows GOST standards.
Romania	Unleaded	Ban since 2004.	50	50	Petrom and Rompetrol already produce diesel

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					as low as 10 ppm. National legislation harmonized with 98/70/EC (50 ppm). Follows EU Fuel and Vehicle Directives
Russia	Unleaded	Ban since 2003.	10/50/350/2,000	150/500	Various grades on market. Lukoil has launched Euro 4 diesel production (50 ppm) in Moscow and St. Petersburg. Draft standards propose the Euro-3 standard for fuels from 1/1/2009, Euro-4 – from 1/1/2010, and Euro-5 from 1/1/2013.
Serbia	Dual	Ban planned for 2009/2010	10,000	2,000	Domestic refineries produce 10,000 ppm diesel and a 350 ppm 'EKO' diesel grade, with very small quantities of 50 ppm diesel produced at Pancevo refinery. Lower sulphur diesel is imported in limited quantities.
Slovakia	Unleaded	Ban since 1995.	10	10	Follows EU Fuel and Vehicle Directives
Slovenia	Unleaded	Ban since 2001.	50	50	Follows EU Fuel and Vehicle Directives
Tajikistan	Dual		2,000	1,000	Follows GOST standards.
The former Yugoslav Republic of	Dual	77 percent of market unleaded. Ban set for June 2009.	50	50	Plan for 10 ppm in fuels from 2009 in line with EU Directives. 5% bio diesel allowed

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Macedonia					in diesel Д-Е III grade.
Turkey	Unleaded	Ban since 2006. Phase-out began in 2002.	50/1000	150	Effective January 1, 2008, new limits were introduced for sulfur in diesel fuels.
Turkmenistan	Unleaded	Ban since 2003	2,000	1,000	Follows GOST standards.
Ukraine	Unleaded	Ban since 2001.	2,000	1,000	Follows GOST standards.
Uzbekistan	Dual	Ban planned for end 2008	5,000	500/1000/5000	

*Please note that some of this information, especially for countries in the Former Soviet Union, are based on the most readily available information on existing conditions and are thus subject to correction or change. Email elisa.dumitrescu@unep.org with updates.

** Russian Gosudarstvennyye Standarty State Standard

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