

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

Country	Lead		Sulphur max allowable by law		
	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.	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; 150 ppm petrol also available on market. 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	150	Follows GOST standards. ** Reduction of diesel sulphur content to 500 ppm by 2015. Gasoline produced meets 'Euro 2' grade standard.
Belarus	Unleaded	Ban since 1998.	350	150	Adopted EN 228:1993 since 09/1993. Draft state standard EN 228-2004 for unleaded gasoline requires sulphur content of 150ppm up to 01/01/2010, with a switch to 10ppm from 2011. Technical regulation TR 2007/XXX/BY for diesel requires sulfur content of 350ppm to 01/01/2010, with switch to 10ppm from 2011.
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.

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Croatia	Unleaded	Ban since 2006.	50	50	New regulation adopted May 2006 transposing 98/70/EC and 1999/32/EC. Rijeka and Sisak refinery upgrades have started, will continue to 2012 and will cost EUR 750 million. Plans 10ppm fuel introduction in 2009.
Cyprus	Unleaded	Ban since May 2004.	10	10	Follows EU Fuel and Vehicle Directives
Czech Republic	Unleaded	Ban since 2001.	10	10	Follows EU Fuel and Vehicle Directives
Estonia	Unleaded	Ban since May 2001	10	10	Follows EU Fuel and Vehicle Directives
Georgia	Unleaded	Ban since 2000.	350	500	Imports fuel. Gradual move to 50 ppm petrol by 2011; 50 ppm diesel by 2010. Introduction of new sulphur standard for gasoline - 250ppm - from 01/01/2009, 150ppm from 01/01/2010.
Hungary	Unleaded	Ban since 1999.	10	10	Follows EU Fuel and Vehicle Directives
Kazakhstan	Unleaded		2,000	500	In 2008 Euro 2 fuel grade standard introduced, plans to move to 10 ppm by 2010.
Kyrgyzstan	Unleaded	Ban since 2002.	2,000	1,000	In 2008 'Euro 3' grade fuels were introduced by Gazprom (150 ppm for petrol, 350 ppm for diesel). The country imports fuel from Russia, Kazakhstan, Turkmenistan and Azerbaijan.
Latvia	Unleaded	Ban since 2001.	10	10	Follows EU Fuel and Vehicle Directives
Lithuania	Unleaded	Ban since 2001.	10	10	Follows EU Fuel and Vehicle Directives

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Poland	Unleaded	Ban since 2003.	10	10	Follows EU Fuel and Vehicle Directives
Moldova	Unleaded	Ban since 2002.	2,000	500	From 2007 Lukoil Moldova started to sell EN-590 Euro diesel (10ppm) and 'Euro 4' (50 ppm) grade diesel. Rompetrol Moldova sells 'Euro 4' grade fuel, while Petrom Moldova 'Euro 5' (10 ppm) grade gasoline.
Romania	Unleaded	Ban since 2004.	10	10	
Russia	Unleaded	Ban since 2003.	2,000	500	Various grades on the market: Lukoil has launched
					Euro 4 diesel production (50 ppm) in Moscow and St. Petersburg. Petrol standards allow 'Euro 2' grade fuel through 2010, with plans for upgrades to 'Euro 3' from 2012, 'Euro 4' from 2014. 2,000 ppm diesel to be allowed through 2014.
Slovakia	Unleaded	Ban since 1995.	10	10	Follows EU Fuel and Vehicle Directives
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Tajikistan	Dual		2,000	1,000	Follows GOST standards.
The former Yugoslav Republic of Macedonia	Dual	80 percent of market unleaded. Ban set for June 2009.	50	10	5% bio diesel allowed in diesel Д-Е III grade. Lukoil Macedonia produces 'Euro 4' grade diesel and unleaded petrol.
Turkey	Unleaded	Ban since 2006. Phase-out began in 2002.	1000	150	Effective January 1, 2008, new limits were introduced for sulfur in diesel fuels. Petrol Ofisi sells V/MAX Eurodiesel at 10ppm, along with Tupras.
Turkmenistan	Unleaded	Ban since 2003.	2,000	1,000	Follows GOST standards.
Ukraine	Unleaded	Ban since 2001.	2,000	500	'Euro 3' petrol planned for

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					2011.
Uzbekistan	Dual	Ban planned for end 2008.	5,000	5,000	

*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 Gosudarstvennye Standarty State Standard

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