

## Middle East, North Africa & West Asia Diesel Sulphur Matrix

COUNTRY	Sulphur Level (max, ppm) Diesel	50ppm Target Date	COMMENT	Source
Algeria	900	2013	Very sweet crude. No plans to process crude further.	Tunis meeting
Bahrain	500 and 10	No date	Effective April 2008. Produces up 10ppm for export demand. Local available is 500ppm.	
Egypt	3,500	No date	No Plans to reduce levels, Standard 10,000 ppm	
Iran	5,000	No date	Standard 10,000 ppm	
Iraq	10,000	No date	Standards 25,000 ppm. No plans. Significant quantities of fuels imported from Kuwait and actual quality estimated to be 2,000ppm	
Israel	10	Done	Follows EU standards and from January 2009 effected 10ppm	
Jordan	7,000-10,000	No date	Actual Standard is 350ppm based on international standard 14596 but operating on government waiver. Plan to be reduced to 50 ppm after planned refinery expansion is completed	
Kuwait	2,000	2013	Imported 50ppm Cargo in March 2009 from European refinery. Announced plans in 2008 for Clean fuels project for 2012 for 10 ppm delayed to 2013	
Lebanon	Industrial grade 5,000 Vehicle grade 500	No date	Imported. Information gathered from traders suggest two grades marketed	
Libyan Arab Jumhuriya	1,000	No date	Standards at about 1,500 ppm	
Morocco	50	Effective Jan 2009		
Oman	50	Done	Oman oil refinery company has installed a diesel- hydro-sulphurisation unit and adopted the ISO-14001:2004 standard on environmental management that provides for the reduction of sulphur from the fuels. Official specification standard is 500 but actual fuels quality is less than 50ppm from July 2008.	
Palestine	10,000 and 10	No date	Gets fuel from Israel and Jordan which is at 10ppm and 10,000 ppm respectively	
Qatar	500	2010	Announced Road map plans in 2006 for 10ppm by 2010 now postponed possibly to 2012.	
Saudi Arabia	5,000	2014	Current Standards 10,000 ppm. Announced their 2020 Road Map in 2008 to go to 50ppm and lower by 2013/2014. Plans to go to 500ppm by end 2010 and most cities at 800ppm.	
Syria	7000(6,500), 1000 and 50	2015	Actual Standards 7,000 ppm. Announced Plans in 2008 to go to 50 ppm 2015. Import of 50ppm for selected cities planned in 2009. Imported 50ppm & 1000 grades accounts for 40% of consumption.	

Tunisia	50		50ppm imports effective end 2010.	
United Arab Emirates	500	2010	Announced Plan in 2007 is for 50 ppm by 2010 but not yet effected. Have commenced 50 ppm in Dubai city with introduction of Euro IV buses in 2009.	
Yemen	10,000	No date	No current Standards. Domestic crude is somewhat sweet, but exported. Plans to build new refinery and looking to modernise existing ones. Time frame not known.	
<b>Total: 19 countries</b>				

**References:**

IFQC (HART Consulting)  
Country representatives