


























### Questionnaire on used oil collection and utilization in 2006

EU27							
EU member state	Flag	Lubricants Consumption 2006 [tons]:	collectable waste oil in 2006	collected waste oil in 2006 [tons]	% of each waste oil utilization	when burning, which virgin fuel will be replaced: (e.g. heavy fuel oil)	
Austria		79,000		39,596	burning (cement industry):	24,700	coal
					burning (pow. plants/lime works/steel work):	2,500	heavy fuel oil
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to other countries:	12,396	re-refining
Belgium		142,000		60,000	burning (cement industry):	500	coal
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:	25,000	heavy fuel oil
					transferred to other countries:	15,000	re-refining
					others	19,500	
Bulgaria		55,000		17,000	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					recovery:	1,200	heavy fuel oil
					re-refinery (base oil):		
					others/disposal	15,800	
Cyprus				4,300	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
Czech Republic		110,689	30 %	32,867	burning (cement industry):	4,800	coal
					burning (steel work):	2,400	heavy fuel oil
					burning (agriculture)	4,800	heavy fuel oil
					burning (small furnaces)	19,881	heavy fuel oil
					transferred to other countries:	986	re-refining

EU member state	Flag	Lubricants Consumption 2004 [tons]:	collectable waste oil in 2006	collected waste oil in 2006 [tons]	% of each waste oil utilization		when burning, which virgin fuel will be replaced: (e.g. heavy fuel oil) /remarks
Denmark		67,500		20,000	burning (cement industry):	2,000	coal
					burning (pow. plants/lime works/steel work):	2,500	heavy fuel oil
					treatment to fuels:		
					re-refinery (base oil):	11,700	re-refining
					transferred to / others:	3,800	re-refining
Estonia		19,000	30 %	5,400	burning (cement industry):	5,400	coal + heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
Finland		79,000	30 %	22,500	burning (cement industry):	22,500	coal + heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
France		765,000	44 %	224,759	burning (cement industry):	78,260	50 % petroleum coke, 50% heavy fuel oil
					burning (lime works):	15,095	heavy fuel oil
					treatment to fuels:	7,214	heavy fuel oil
					re-refinery (base oil):	94,403	re-refining
					transferred to other countries:	5,000	re-refining
					others:	24,787	
Germany		1,174,000		525.000 (incl. water)	burning (cement industry):	70,000	coal, other wastes
					burning (pow. plants):		
					burning (lime works/steel work):	85,000	heavy fuel oil
					treatment to fuels:	210,000	heavy fuel oil
					re-refinery (base oil):	135,000	add. 105.000 tons of imported w.o. was re-refined to base oils

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Greece		100,000	42,000	36,000	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):	36,000	re-refining
					transferred to / others:		
Hungary		109,000	50 %	27,823	burning (cement industry):	6,000	coal
					burning (pow. plants/lime works/steel work):		
					burning (small furnaces)	7,823	heavy fuel oil
					re-use: (asphalt industry)	14,000	re-use
					transferred to / others:		
Ireland		38,000		20,000	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
Italy		542,000	49 %	216.300 (incl. water)	burning (cement industry):	32,800	heavy fuel oil
					burning (pow. plants):	400	heavy fuel oil
					treatment to fuels:	1,400	heavy fuel oil
					re-refinery (base oil):	172,600	re-refining
					others:	800	
Latvia		37,400	30 %	11,000	burning (cement industry):	11,000	coal + heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		

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Lithuania		49,000	30	14,000	burning (cement industry):	14,000	coal + heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
Luxembourg		10,000		5,364	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to other countries:	5,364	re-refining
Malta		4,000		1,200	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to / others:		
Netherlands		252,000		50,000	burning (cement industry):		
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					transferred to other countries: (burning)	32,000	heavy fuel oil
					transferred to other countries: (re-refining)	18,000	re-refining
Poland		351,000	49 %	76,500	burning (cement industry):	3,000	coal
					burning (pow. plants):	10,000	heavy fuel oil
					treatment to fuels:		
					re-refinery (base oil):	48,500	re-refining
					transferred to other countries:	15,000	re-refining

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Romania		130,000		27,663	burning (cement industry):	19,129	coal + heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					recovery:	5,518	heavy fuel oil
					re-refinery (base oil):		
					others/disposal	2,016	
Portugal		89,000	45 %	28,700	burning (cement industry):	7,100	50 % petroleum coke, 50% heavy fuel oil
					burning (pow. plants):	10,000	heavy fuel oil
					re-refinery (base oil):	3,400	re-refining
					transferred to other countries:	3,400	re-refining
					others:	4,800	
Slovenia		20,000		3,967	burning (cement industry):	3,499	heavy fuel oil
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					other	468	
Slovakia		50,000		15,000	burning (cement industry):	6,000	coal
					burning (pow. plants/lime works/steel work):		
					burning (small furnaces)	9,000	heavy fuel oil
					re-refinery (base oil):		
					transferred to / others:		
Spain		545,000	40 %	160,000	burning:	70,000	heavy fuel oil
					treatment to fuels:		
					re-refinery (base oil):	90,000	re-refining
					transferred to / others:		

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Sweden		148,000	30 %	45,000	burning (cement industry):	37,000	coal
					burning (pow. plants/lime works/steel work):		
					treatment to fuels:		
					re-refinery (base oil):		
					transferred to other countries:	8,000	re-refining
United Kingdom		800,000	50 %	350,000	burning (cement industry):	25,000	gas oil
					burning (steel work):	185,000	heavy fuel oil
					treatment to fuels:	30,000	CFO/heavy fuel oil
					transferred to countries	10,000	
					others:	20,000	specialist oil recovery (transformer, hydraulic oil)
					SWOBS (small waste oil burner)	30,000	heavy fuel oil oil