

Table 1. Reporting on data on the placing on the market of mineral and synthetic lubrication and industrial oils and on the treatment of waste oils (in tonnes)

Country:		Slovenia																																														
Reference year:		2022																																														
	1			2			3						4						5						6						7						8						9					
	Oils placed on the market <sup>1</sup>			Waste oil generated <sup>2</sup> (dry oil)			Separately collected <sup>3</sup> waste oils						Exported <sup>4</sup> waste oils						Imported <sup>5</sup> waste oils						Regeneration <sup>10</sup>						Other recycling <sup>11</sup>						Energy recovery <sup>12</sup> (RI)						Disposal <sup>13</sup>					
	(t)	Standard of footnotes	Explanatory footnote	(t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote	Including water (t)	Standard of footnotes	Explanatory footnote	Dry oil <sup>14</sup> (t)	Standard of footnotes	Explanatory footnote						
Engine and gear box oils <sup>1</sup>	8209			5129			4572		7	The amounts	4262			4253			4016			0			0						24		5	Waste			207						15							
Industrial oils <sup>2</sup>	28650			385		3	All waste	373		7	The amounts	436		9	The amounts	500			436		4	All waste	0			0			0			0			0			0			0							
Industrial oils (emulsions only) <sup>3</sup>	5792			633			6343		7	The amounts	561			4414			482			0			0			0			0			0			0			1339			79							
Oil and concentrates from separation <sup>4</sup>				912			912		8	The amounts	916		10	The amounts	1025			916		4	All waste	0			0			0			0			0			0			0			0					
	No warning			No warning			No warning						No warning						No warning						No warning						No warning						No warning											

Notes:  
 Cell shading:  
 White: Data provision is mandatory.  
 Grey: The calculation of data is automatic. The cell can be edited after unlocking the cell with the button "Unlock formulas".  
 Beige: Footnotes (only to be filled-in when relevant).  
 Black: Not applicable.

<sup>1</sup> Including engine oils and gear oils (automotive, aviation, marine, industrial and other sectors); excluding greases and bilge oils.  
<sup>2</sup> Including machine oils, hydraulic oils, oils for turbines, transformer oils, heat transmission oils, compressor oils, base oils; excluding greases and oils used for emulsions.  
<sup>3</sup> Including metal working oils; in case national reporting does not distinguish industrial oils used in emulsions or otherwise, aggregated data on industrial oils may be provided and shall be specified in row 'industrial oils'.  
<sup>4</sup> Only waste oils under code 190207\* of Decision 2000/532/EC.  
<sup>5</sup> Oils placed on the market in a Member State taking into account export losses (e.g. export of passenger cars) and import gains (e.g. imports of passenger cars).  
<sup>6</sup> Amount of waste oils taking into account handling losses and losses during use. Amounts of waste oil generated may be calculated based on national statistics or by using the reference values listed in Table 4.  
<sup>7</sup> Waste oils separately collected. In case collected waste oils are quantified by volume, the corresponding mass is determined by applying a conversion factor of 0,9 tonnes/m<sup>3</sup>.  
<sup>8</sup> Waste oil exported to another country (considering the waste categories set out in Regulation (EC) No 1013/2006).  
<sup>9</sup> Waste oil generated in another country and imported from that country (considering the waste categories set out in Regulation (EC) No 1013/2006).  
<sup>10-12</sup> Amounts reported shall relate to the waste oil separately collected. The sum of the values for dry oil in columns 6 to 9 should be equal to the sum of the values for dry oil in column 3 adjusted for exported and imported waste oils (column 3 – column 4 + column 5 = column 6 + column 7 + column 8 + column 9).  
<sup>11</sup> Recycling other than regeneration, e.g. as flux oil.  
<sup>12</sup> Including use of recovered oils as fuel, in accordance with the definition of recovery in Article 3(15) of Directive 2008/98/EC.  
<sup>13</sup> Disposal operation D10 Incineration on land as laid down in Annex I of Directive 2008/98/EC.  
<sup>14</sup> Waste oil excluding water content. The dry oil content is determined by measuring the water content. For waste oils other than emulsions, the dry content may alternatively be determined on the basis of a water content of 8 %. For dry oil in emulsions of industrial oils the dry content may alternatively be determined on the basis of a water content of 90 %.

Table 2. Reporting on data on the treatment of waste oils (in tonnes)

Country: Slovenia												
Reference year: 2022												
Section	2			3			4			5		
Type of output from recovery	Regeneration <sup>1</sup>			Other recycling			Energy recovery or reprocessing into materials that are to be used as fuels (including regenerated oils used as fuel)			Disposal (D10)		
	(t)	Standard footnotes	Explanatory footnote	(t)	Standard footnotes	Explanatory footnote	(t)	Standard footnotes	Explanatory footnote	(t)	Standard footnotes	Explanatory footnote
Regenerated base oil – group I <sup>2,3</sup>	0						0					
Regenerated base oil – group II <sup>4</sup>	0						0					
Regenerated base oil – group III <sup>5</sup>	0						0					
Regenerated base oil – group IV <sup>6</sup>	0						0					
Recycled products <sup>7</sup> (specify)				0								
Fuel products for off-site energy recovery – Light fuel oil							0					
Fuel products for off-site energy recovery – Distillate fuel oil							0					
Fuel products for off-site energy recovery – Heavy fuel oil							0					
Fuel products for off-site energy recovery – Recovered fuel oil							0					
Fuel products for off-site energy recovery – Processed fuel oil							0					
On-site energy recovery <sup>8</sup>							0					
Other	0		1 Regeneration takes place	24		6 Waste oil (13 02 05)	207		2 R1 co-incineration in a	94		
[specify 'other']												
[specify 'other']												
[specify 'other']												

No warning

No warning

No warning

Notes:

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<sup>1</sup> Amount of regenerated oils. The sum of the entries in Column 2 of table 2 divided by the sum of the entries in column 6 of Table 1 corresponds to the conversion efficiency of oil regeneration.

<sup>2</sup> Base oil group I contains less than 90 % saturates and/or more than 0,03 % sulphur and has a viscosity index greater than or equal to 80 and less than 120.

<sup>3</sup> In case national reporting does not distinguish groups I-IV, aggregated data on regenerated base oils may be provided and shall be specified in row 'Other'.

<sup>4</sup> Base oil group II contains more than or equal to 90 % saturates and less than or equal to 0,03 % sulphur and has a viscosity index greater than or equal to 80 and less than 120.

<sup>5</sup> Base oil group III contains more than or equal to 90 % saturates and less than or equal to 0,03 % sulphur and has a viscosity index greater than or equal to 120.

<sup>6</sup> Base oil group IV are polyalphaolefins. Base oil not included in groups I-IV shall be specified in row 'Other'.

<sup>7</sup> Includes recycled products from other recycling of waste oils reported under column 7 of Table 1.

<sup>8</sup> On-site energy recovery means recovery of waste oils through internal energy consumption e.g. in a refinery.



**ANNUAL REPORTING OF MINERAL AND SYNTHETIC LUBRICATION AND INDUSTRIAL OILS AND WASTE OILS**

2024 DATA COLLECTION

**EXPLANATORY FOOTNOTES**

**Slovenia**

1	Regeneration takes place entirely outside SI.
2	R1 co-incineration in a cement plant in SI.
3	All waste collected in the observed year was not necessarily generated in the observed year due to storage at the original waste producers.
4	All waste treated in the observed year was not necessarily generated/collected in the observed year due to storage at the original waste producers, waste collectors and/or waste treatment operators.
5	Waste treatment operator reported that pressing of his own oil-impregnated waste metal sludge from wet grinding (12 01 18) by briquetting machine results in metal sludge briquettes (12 01 15) and waste oil (13 02 05). The waste oil (13 02 05) is reused by its producer in the process of wet grinding, creating oil-impregnated waste metal sludge (12 01 18), which is compressed again by briquetting machine.
6	Waste oil (13 02 05) including water results from compression of oil-impregnated waste metal sludge from wet grinding (12 01 18) by briquetting machine. This waste oil (13 02 05) is reused by its producer in the process of wet grinding.
7	The amounts of separately collected waste oils include: waste oils collected from the original waste producers and waste oils collected from the producers of this waste (that is, from waste treatment operators who carry out pre-processing of waste containing waste oils).
8	The amounts of separately collected waste oils include waste oils collected from the producers of this waste (that is, from waste treatment operators who carry out pre-processing of waste containing waste oils).
9	The amounts of collected waste industrial oils - dry oil are automatically calculated from the values in columns 4 to 9. These amounts are higher than the amounts of collected waste industrial oils - including water due to storing; waste industrial oils collected in 2022 and prior that year were exported abroad for treatment in 2022. Of the total amount of waste industrial oils treated in 2022, 33% were collected prior that year.
10	The amounts of collected waste oils and concentrates from separation - dry oil are automatically calculated from the values in columns 4 to 9. These amounts are higher than the amounts of collected waste oils and concentrates from separation - including water due to storing; waste oils and concentrates from separation collected in 2022 and prior that year were exported abroad for treatment in 2022. Of the total amount of waste oils and concentrates from separation treated in 2022, 11% were collected prior that year.