

Óleos Lubrificantes Usados – versão 1

De acordo com o n.º 5, do artigo 97.ºA do Unilex, a partir de 1 de julho de 2021, a APA, I. P., publicita os resultados de gestão alcançados a nível nacional para cada fluxo específico de resíduos, até cinco dias úteis após a validação pela Comissão Europeia do reporte previsto.

As tabelas infra demonstram o resumo do reporte comunitário efetuado em 2023 relativamente a 2021. Este documento apresenta a primeira versão dos dados submetidos. Os campos da tabela foram preenchidos de acordo com as regras da [Decisão de Execução \(UE\) 2019/1004 da Comissão](#) e o documento "[Guidance for the compilation and reporting of data on the placing on the market of mineral and synthetic lubrication and industrial oils and on the treatment of waste oils as required by the Commission Implementing Decision \(EU\) 2019/1004, Annex VI](#)" (versão 29 de abril 2022).

Nota: Os dados apresentados correspondem ao universo de operadores da rede da entidade gestora Sogilub e de outros operadores não Sogilub no que respeita aos códigos LER indicados no Guia da Comissão que não estão no âmbito da atividade da Sogilub. Salienta-se que a Sogilub tem reportado nos seus Relatórios Anuais de Atividade (RAA) quantidades de óleos tratados enviados para reciclagem pela Argex e pela Enviroil II. No que respeita à Enviroil II, este operador está licenciado para a operação R9 (e não R1) que corresponde a introdução de resíduos (óleos usados) em substituição de outras matérias-primas na indústria transformadora. No entanto, de acordo com o Guia, o reprocessamento em materiais que serão utilizados como combustíveis deve ser contabilizado na coluna da valorização energética pelo que os dados deste documento não coincidem com o RAA da Sogilub.

Tabela 1 - Comunicação de dados sobre a colocação no mercado de lubrificantes minerais ou sintéticos e de óleos industriais e sobre o tratamento de óleos usados

	1		2		3				4				5			
	Oils placed on the market ⁵		Waste oil generated ⁶ (dry oil)		Separately collected ⁷ waste oils				Exported ⁸ waste oils				Imported ⁹ waste oils			
	(t)	Explanatory footnote	(t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil ¹⁴ (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil ¹⁴ (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil ¹⁴ (t)	Explanatory footnote
Engine and gear box oils¹	41951,83		15640,89		26352,36	10	23249,69		43,4		39,93	2	0		0	
Industrial oils²	1917,39		10412,01		2989,24	10	2625,72		9,89		9,1	2	0		0	
Industrial oils (emulsions only)³		1		8	8532,12		612,3		0		0		0		0	
Oil and concentrates from separation⁴						3	0		0		0			3		3

	6		7				8				9			
	Regeneration ¹⁰		Other recycling ¹¹				Energy recovery ¹² (R1)				Disposal ¹³			
	Including water (t)	Dry oil ¹⁴ (t)	Including water (t)	Explanatory footnote	Dry oil ¹⁴ (t)	Explanatory footnote	Including water (t)	Explanatory footnote	Dry oil ¹⁴ (t)	Explanatory footnote	Including water (t)	Dry oil ¹⁴ (t)	Explanatory footnote	
Engine and gear box oils¹		18988,94			1704,92					2515,5			0,4	2
Industrial oils²		2140,9			192,18					283,54			0	2
Industrial oils (emulsions only)³	0	0	0		0		1772,93			117,3		4950,03	495	
Oil and concentrates from separation⁴	0	0	0		0				3		3	0	0	

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.

Commission notes:

¹ Including engine oils and gear oils (automotive, aviation, marine, industrial and other sectors); excluding greases and bilge oils.

² Including machine oils, hydraulic oils, oils for turbines, transformer oils, heat transmission oils, compressor oils, base oils; excluding greases and oils used for emulsions.

³ 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'.

⁴ Only waste oils under code 190207* of Decision 2000/532/EC.

⁵ 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).

⁶ 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.

⁷ 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/m³.

⁸ Waste oil exported to another country (considering the waste categories set out in Regulation (EC) No 1013/2006).

⁹ Waste oil generated in another country and imported from that country (considering the waste categories set out in Regulation (EC) No 1013/2006).

¹⁰⁻¹³ 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).

¹¹ Recycling other than regeneration, e.g. as flux oil.

¹² Including use of recovered oils as fuel, in accordance with the definition of recovery in Article 3(15) of Directive 2008/98/EC.

¹³ Disposal operation D10 Incineration on land as laid down in Annex I of Directive 2008/98/EC.

¹⁴ 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 %.

Tabela 2 - Comunicação de dados sobre o tratamento de óleos usados

1 Type of output from recovery	2		3		4		5	
	Regeneration ¹		Other recycling		Energy recovery or reprocessing into materials that are to be used as fuels (including regenerated oils used as fuel)		Disposal (D10)	
	(t)	Explanatory footnote	(t)	Explanatory footnote	(t)	Explanatory footnote	(t)	Explanatory footnote
Regenerated base oil – group I ^{2, 3}	16692,57	7			0			
Regenerated base oil – group II ⁴	0				0			
Regenerated base oil – group III ⁵	0				0			
Regenerated base oil – group IV ⁶	0				0			
Recycled products ⁷ (specify)				6				
Fuel products for off-site energy recovery – Light fuel oil					0			
Fuel products for off-site energy recovery – Distillate fuel oil						6		
Fuel products for off-site energy recovery – Heavy fuel oil					0			
Fuel products for off-site energy recovery – Recovered fuel oil						6		
Fuel products for off-site energy recovery – Processed fuel oil					0			
On-site energy recovery ⁸					0			
Other							495,4	
<i>[specify 'other']</i>								

White: Data provision is required.
Light blue: Reporting is voluntary.
Beige: Footnotes (only to be filled-in when relevant)
Black: Reporting is not applicable.
Grey: The calculation of data is automatic. The cell can be edited after unlocking the cell with the button "Unlock formulas".

Commission notes:

¹ 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.

² 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.

³ 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'.

⁴ 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.

⁵ 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.

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

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

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

Explanatory footnotes:

1 Data included in 'industrial oils' (cell above).

2 Dry content determined on the basis of a water content of 8 %.

3 Uncertainty. Waste classified with LER code 190207 might not have oils in its composition but other hydrocarbons so it was not considered.

4 Dry content determined on the basis of a water content of 90%.

5 Waste oils used as a blowing agent in the production of expanded clay.

6 No information about yield of the operations of the operators.

7 Yield of 79%.

8 No information to allow presentation of an estimate.

9 Regarding LoW codes out of the scope of the collective system, there is no source of information for calculation of the correspondent waste oil generated so in here is presented information regarding only waste of the scope of the collective system.

10 The quantities of oils collected in "Engine and gear box oils" and "Industrial oils" were those resulting from the LoW codes collected by the operators and that fit into each of the groups. The vast majority of waste oil producers classify it incorrectly with LoW code 130208, which belongs to "Engine and gear box oils" instead of a LoW code of "Industrial oils". Thus, the quantities of separately collected waste oils – dry oil are larger in "Engine and gear box oils" and smaller in "Industrial oils" in comparison with the waste oil generated.

(em validação pela Comissão Europeia)