

**Table 1. Lubricant Substance Classification list (LuSC-list)**

*Company*

The list is non-limitative. Companies are not obliged to use one of these substances or brands, but if used, the EEL classification can be mentioned directly on the application form without providing the underlying documents. The list consists of two parts. Part 1 consists of substances and part 2 of brands. These brands are commercially available and are indicated by their commercial name.

**Part 2: Brands**

	Maximum allowed treat rate <sup>c</sup>						If less than 100% see <sup>d</sup> or <sup>e</sup>						
Brand name <sup>b</sup>	ALL (No Grease)	ALL (Only Grease)	PLL (No Grease)	PLL (Only Grease)	TLL (No Grease)	TLL (Only Grease)	EEL Biodegradation <sup>d</sup>	EEL Aquatic Toxicity <sup>e</sup>	Biobased fraction <sup>h,i</sup>	Fraction of PO/PKO <sup>h,j</sup>	CB Assessed	Valid till	
							A/B/C/X/ <sup>-f</sup>	D/E/F/G(M <sup>g</sup> )/ <sup>-f</sup>					
Base fluids <sup>i</sup>													
DAKOLUB® MB 9001	Not limited by biodegradation and aquatic toxicity						100%A	100%D	97%			Dutch	31 December 2024
DAKOLUB® MB 9010	Not limited by biodegradation and aquatic toxicity						100%A	100%D	100%	37%NC		Dutch	31 December 2024
DAKOLUB® MB 9038	Not limited by biodegradation and aquatic toxicity						100%A	100%D	53%			Dutch	31 December 2024
DAKOLUB® MB 9040	Not limited by biodegradation and aquatic toxicity						100%A	100%D	100%	48%NC		Dutch	31 December 2024
DAKOLUB® MB 9206	Not limited by biodegradation and aquatic toxicity						100%A	100%D	91%			Dutch	31 December 2024
DAKOLUB® MB 9500	Not limited by biodegradation and aquatic toxicity						100%A	100%D	87%			Dutch	31 December 2024
DAKOLUB® MB 9600	Not limited by biodegradation and aquatic toxicity						100%A	100%D	90%			Dutch	31 December 2024

- In case the data on the LuSC-list are different from that of its corresponding valid LoC, the valid LoC is binding.
- Substances that are excluded by EU decision 2018/1702/EU according to Criterion 1 are not present above 0.010% in the final composition.
- The treat rate is usually set by the supplier before the assessment. Highest treat rate is applied in case the additive may possess different functions. **The same or a lower treat rate for ANOTHER function does not alter its final EEL classification but in the ecolabel application form the correct function must be stated.**
- In case classification of the biodegradation has not been set at 100% but at a smaller fraction, e.g. 30%, then the total fraction with the specific classification is equal to the fraction of the treat rate applied by the applicant multiplied by the indicated fraction of the classification; e.g. 0.6% (applied treat rate) \* 80% C (assessed fraction of biodegradation) is equal to 0.48% C. The value of 0.48% must be filled in in the application form for the brand name on biodegradation. The fraction not assessed on biodegradation is then automatically 0.60 – 0.48 = 0.12%.
- In case the classification of the aquatic toxicity has not been set at 100% but at a smaller fraction, e.g. 30%, then the total fraction with the specific classification is equal to the fraction of the treat rate applied by the applicant multiplied by the indicated fraction of the classification, e.g. 0.6% (applied treat rate) \* 80% E is total of 0.48% E for the brand name. The value of 0.48% must be used in the application form. The fraction unassessed on aquatic toxicity is then automatically 0.60 – 0.48 = 0.12%.
- means that it was not necessary to assess the substance(s) in the lubricant based on the stated maximum treat rate and the 0.1% limit in the ecolabel criteria for biodegradation, aquatic toxicity and renewability.
- M = Multiplication factor for a substance that has an aquatic toxicity classified as very toxic (G).
- Related to Criterion 4 of the EU decision 2018/1702/EU
- bio-based fraction must be larger than >25% based on valid C-14 method. If the bio-based fraction is not established yet but renewable fraction based on C-counting method is >50%, the entry will indicate *n.d.* indication that the bio-based fraction has not been established yet.
- The fraction of PO/PKO is indicated here. If nothing is stated it means that the company has declared that Palm oil or Palm kernel oil is not used in the manufacturing process and therefore no PO/PKO is present. If stated e.g. *RPSO* it indicates that the company has stated that this is the complete fraction of Palm oil or Palm Kernel oil applied in the product AND that the company has a valid RSPO certificate at the time of application. If stated e.g. *50%NC (Not Certified)* it indicates that the company of the applicant has stated that 50% of the mass of the based fluid originates from palm oil or palm kernel oil, that this is the complete fraction of Palm oil or Palm Kernel oil applied in the product but the company cannot submit a valid RSPO certificate or any other relevant certificate.