

EC- End-of-Life Vehicles Directive 2000/53

Annex II Exemptions-Interpretation

Recommendation for a common
interpretation of the entries of the
“New COMM Proposal”

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on behalf of VDA/ACEA

STATUS 01. July 2005

***The basis for the discussion are
the “New COMM Proposal” of Annex II
as discussed in the TAC Meeting April
28th, 2005 and provided as input for a
Council Decision in June 2005
and
existing proposals from VDA / ACEA
and JAMA***

Entry No	Exemption	Scope and expiry date of the exemption	To be labelled or made identifiable	<i>Industry comment</i>
Lead as an alloying element				
1.	Steel for machining purposes and galvanized steel containing up to 0,35 % lead by weight			<i>All galvanized steel; Machining = all mechanical manufacturing processes</i>
2 a)	Aluminium for machining purposes with a lead content up to 1,5 % by weight	1 July 2008 ⁽ⁱ⁾		<i>Machining = all mechanical manufacturing processes</i>
b)	Aluminium for machining purposes with a lead content up to 0,4 % by weight			<i>Machining = all mechanical manufacturing processes</i>
3.	Copper alloy containing up to 4 % lead by weight			<i>OK, no problem seen</i>
4.	Bearing shells and bushes	1 July 2008 ⁽ⁱⁱ⁾		<i>All lead contents in bearings and bushes are meant, independent from the base materials. Including bearing rings, thrust washers etc. Teflon layers and other functional layers containing lead are part of the bearing and therefore covered by the exemption.</i>

ⁱ By 1 July 2007 the Commission will assess whether the expiry date of that exemption has to be reviewed in relation to the availability of substitutes of lead, taking into account the objectives of Article 4(2)(a).

Entry No	Exemption	Scope and expiry date of the exemption	To be labelled or made identifiable	<i>Industry comment</i>
	Lead and lead compounds in components			
5.	Batteries		X	<i>All batteries including supplement batteries</i>
6.	Vibration dampers		X	<i>Sound deadeners; “Silencers” only! Sound deadeners are lead pieces for sound reduction purposes via mass coupling (change the fundamental or natural frequency of a system) and which may have an elastomer skin. No metal/elastomer bearings! No “buffers”!</i>
7a)	Vulcanising agents and stabilisers for elastomers in fluid handling and powertrain applications containing up to 0,5% lead by weight	1 July 2006		<i>This is applicable for all fuel- and other hoses and sealings. and also for bearings in the drivetrain e.g. engine mounting blocks, hydrobearings or elastomer/metal components..</i>
7b)	Bonding agents for elastomers in powertrain applications containing up to 0,5% lead by weight			<i>This is applicable for all bonding agents in elastomer/metal components (bearings) used in the “powertrain”, which is engine, transmission and chassis area.</i>

Entry No	Exemption	Scope and expiry date of the exemption	To be labelled or made identifiable	Industry comment
	Lead and lead compounds in components			
8.	Solder in electronic circuit boards and other <u>electric applications</u>		X ⁽ⁱ⁾	<i>Includes presoldering and connector terminals But no brazing included 60g limit /car refers to lead not to solder content</i>
9.	Copper in friction materials of brake linings containing more than 0,4 % lead by weight	1 July 2007	X	<i>No clutch linings; Base is the total lead content of the brake lining (no iron), incl. PbS, not only the lead content in copper!</i>
10.	Valve seats	Engine types developed before 1 July 2003:1 July 2007		
11.	Electrical components which contain lead in a glass or ceramic matrix compound except glass in bulbs and glaze of spark plugs		X ⁽ⁱⁱ⁾ (for components other than piezo in engines)	<i>Includes PTC (positive temperature coefficient) elements of lead; 60g limit /car refers to lead not to solder content</i>

ⁱ Dismantling if, in correlation with entry 11, an average threshold of 60 grams per vehicle is exceeded. For the application of this clause, electronic devices not installed by the manufacturer on the production line shall not be taken into account.

ⁱⁱ Dismantling if, in correlation with entry 8, an average threshold of 60 grams per vehicle is exceeded. For the application of this clause, electronic devices not installed by the manufacturer on the production line shall not be taken into account.

Entry No	Exemption	Scope and expiry date of the exemption	To be labelled or made identifiable	<i>Industry comment</i>
	Lead and lead compounds in components			
12.	Pyrotechnic initiators	Vehicles type-approved before 1 July 2006 and replacement initiators for these vehicles		<i>No flares (not used in EU market resp. Japanese market only)</i>
	Hexavalent chromium			
13a)	Corrosion preventive coatings	1 July 2007		<i>Including passivation layers and primers because they also fulfill anticorrosion function;</i>
13b)	Corrosion preventive coatings related to bolt and nut assemblies for chassis applications	1 July 2008 ⁽ⁱ⁾		<i>This shall be applied for all fasteners in the chassis, engine and transmission area. Including passivation layers and primers because they also fulfill anticorrosion functions.</i>
14.	Absorption refrigerators in motorcaravans		X	

ⁱ By 1 July 2007 the Commission will assess whether the expiry date of that exemption has to be reviewed in order to ensure that no accidental connection of essential mechanical parts can occur in the lifetime of the vehicle, taking into account the objectives of Article 4(2)(a).

Entry No	Exemption	Scope and expiry date of the exemption	To be labelled or made identifiable	<i>Industry comment</i>
	Mercury			
15.	Discharge lamps and instrument panel displays		X	<i>Includes all displays in a car ; no matter where they are installed</i>
	Cadmium			
16.	Thick film pastes	1 July 2006		
17.	Batteries for electrical vehicles	After 31 December 2008, the placing on the market of NiCd batteries shall only be allowed as replacement parts for vehicles put on the market before this date. ⁽ⁱ⁾	X	
18.	Optical components in glass matrixes used for Driver Assistance Systems	1 July 2007	X	<i>This is applicable to other optical components as well. (e.g. mirrors)</i>

ⁱ By the end of 2007 the Commission will assess whether the expiry date of that exemption has to be reviewed in order to ensure the availability of alternative battery technologies and electrical vehicles, taking into account the objectives of Article 4(2)(a).

Notes

— A maximum concentration value up to 0,1% by weight and per homogeneous material, for lead, hexavalent chromium and mercury and up to 0,01% by weight per homogeneous material for cadmium shall be tolerated.

— The reuse of parts of vehicles which were already on the market at the date of expiry of an exemption is allowed without limitation since it is not covered by Article 4(2)(a),

Industry comment

„Meet the limits“