



Your producer for high quality
oil level sight glasses
Made from
brass, aluminum and stainless steel

www.mecanosol.com

Declaration of Conformity to RoHS II (2011/65/EU and 2015/863/EU)

Dear Sir/Madam,

With this letter, we confirm that the products supplied by Mecanosol, S.L. comply with the requirements of Directives 2011/65/EU (RoHS-2) and its amendment through Delegated Directive 2015/863/EU.

The products we supply are manufactured according to EN/DIN standards and are commercially available.

As a responsible company, we always strive to stay up-to-date, especially regarding environmental regulations.

Background: RoHS applies to electrical and electronic devices. The aim of the directive is to restrict the use of substances deemed hazardous. The substances subject to restrictions according to Article 4(1) include:

Substance (permissible maximum concentrations in homogeneous materials by weight)
Lead (-0,10 %)
Mercury (-0,10 %)
Cadmium (-0,010 %)
Hexavalent Chromium (-0,10 %)
Polybrominated Biphenyls (PBB) (-0,10 %)
Polybrominated Diphenyl Ethers (PBDE) (-0,10 %)
Di(2-ethylhexyl) phthalate (DEHP) (-0,10 %)
Butylbenzyl phthalate (BBP) (-0,10 %)
Dibutyl phthalate (DBP) (-0,10 %)
Diisobutyl phthalate (DIB) (-0,10 %)

Among these prohibitions on substances, lead, as an alloying element, may be present in metallic semi-finished products.

There are generally three exceptions for the use of lead in semi-finished products:

- Application-specific exception: The RoHS directive generally does not apply to all electrical and electronic devices.
- Concentration limits: RoHS allows the use of prohibited substances in certain concentration limits. Accordingly, lead may be present in materials of an electrical device subject to RoHS, at a concentration of 0.1% by weight.
- Technology-specific exceptions: Accordingly, lead may be used in aluminum alloys with a mass fraction of 0.4% and copper alloys with a mass fraction of 4%.



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The alloys we use fall under the exemption in Annex III, points 6b and 6c.

Aluminum with a lead content greater than 0.4% by weight:

Material	Critical Substance	Weight Percent
EN-AW 2007 (AlCuMgPb)	Lead	0,80 - 1,50 %
EN-AW 2011 (AlCuBiPb)	Lead	0,20 – 0,40 %
EN-AW 2030 (Al Cu4PbMg)	Lead	0,80 - 1,50 %

Copper alloys with a lead content up to 4% by weight:

Material	Critical Substance	Weight Percent
CuZn39Pb3 (Ms58)	Lead	2,50 - 3,50 %

Steel alloys with a lead content up to 0.35% by weight:

Material	Critical Substance	Weight Percent
11SMnPb30 (F212)	Lead	0,15 – 0,35 %

The glasses and seals supplied by our suppliers are REACH compliant.
This has been confirmed by our suppliers.

Please feel free to contact us with any further questions.

Sincerely,
MECANOSOL, S.L.



Uwe Wohlmann
Managing Director



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Customer information on the European Chemicals Regulation 1907/2006 REACH

Mecanosol, S.L., producer for oil level sight glasses, is according to REACH a „downstream user“ and is therefore fundamentally not subject to any registration obligation.

Thus, we are obliged to inform our customers according to Article 33 of the REACH regulation, provided that a SVHC substance in a mass concentration of more than 0,1 percent is contained in a product supplied by us.

Since 27 June, 2018, lead with more than 0.1 % by weight (CAS No. 7439-92-1) has been included in the candidate list of SVHC.

Accordingly, we hereby inform you that our assemblies and components made of aluminium alloys, brass or steel (not stainless steel) generally contain alloyed lead in an industry standard weight concentration of >0.1 % by weight, unless otherwise agreed with you in a product-specific manner.

We would be pleased to check whether we can offer you – with the exception of the lead content – technically equivalent products with a lead content of less than 0.1 % by weight and look forward to receiving your respective enquiry.

The glasses and seals supplied by our suppliers are REACH compliant.
This has been confirmed by our suppliers.

All other chemical substances contained in our products which might be subject to registration are to be registered exclusively by our pre-suppliers. As soon as we receive a corresponding information from our suppliers, we shall immediately pass on this information to you.

The current list of SVHC substances is for example published on the Internet at <https://echa.europa.eu/candidate-list-table>. Should you have any further questions, please contact us at info@mecanosol.com.

Best regards

Vélez-Málaga 23.10.2023



Uwe Wohlmann
Managing Director