

Information on possible PFAS-Regulation

Aschaffenburg, 19.03.2025

Dear Sales Partner,

Per- and polyfluorinated alkyl substances (PFAS) are defined as fluorinated substances that contain at least one fully fluorinated methyl (CF₃) or methylene (-CF₂) carbon atom (without H/Cl/Br/I bonded to it). This also includes fluoropolymers and polymers with fluorinated side chains. They have been widely used for a long time in many industrial sectors and can be found in household, too. They are specifically used due to their special properties as well as their stability and longevity. However, many PFAS are toxic and accumulate in many organisms via the food chain.

Restrictions are therefore already in force for several PFAS substances. Both the European Chemicals Agency (ECHA) and the United States Environmental Protection Agency (EPA) are currently discussing further far-reaching restrictions, including a complete ban.

LHY Powertrain GmbH & Co. KG (LHY) offers its customers high-quality solutions for mobile hydraulic powertrain applications. Our products are characterized by high efficiency and durability. These properties are based, among others, on the use of advanced sealing elements, for example made of fluorine rubber (FKM) or polytetrafluoroethylene (PTFE).

The manufacture and distribution of safe products and the protection of the environment in accordance with the applicable regulations is firmly anchored in LHY's philosophy.

Sales Info

Vertriebsinformation



We are committed to the greatest possible transparency along our supply chain. Based on the currently available information we like to share the following overview of our products:

| Product | Type | Component | Material |
|-------------|----------------------------------|---|-----------|
| Pumps | HPV-02, HPR-02, CPV, K-02, MPR | Sealing elements, O-Rings, flat seals, shaft seal rings, sliding bearings | FKM, PTFE |
| Motors | HMV-02, HMR-02, HMF-02, CMV, CMF | | |
| Valves | VT-Modular, Monoblock | | |
| Electronics | iCON | Insulation of electronic components | FKM, PTFE |

LHY will closely monitor the discussions regarding possible PFAS restrictions and is in contact with suppliers of sealing elements in order to achieve substitution.

With kind regards,

LHY Powertrain GmbH & Co.KG

A blue ink signature of Michael Kessler.

Michael Kessler
Chief Operating Officer

A blue ink signature of Lukas Bozem.

Lukas Bozem
Head of HSE & Sustainability