

Information on products containing PFAS

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Dear Sales Partner,

Per- and polyfluoroalkyl substances (PFAS) include fluorinated materials such as polytetrafluoroethylene (PTFE) and fluoroelastomers (FKM), which are widely used in industrial applications due to their excellent chemical, thermal, and mechanical resistance. Due to their environmental persistence, PFAS are subject to increasing regulatory scrutiny worldwide. Regulatory requirements continue to evolve in both the European Union and the United States. The EU is currently evaluating a broad PFAS restriction under REACH that may impact various industrial applications, while U.S. federal and state authorities have introduced or are developing PFAS reporting and disclosure requirements.

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 made of FKM or PTFE.

LHY is committed to product safety, regulatory compliance, environmental responsibility, and transparent supply chain communication. Based on the currently available information we like to share the following overview of our products that contain PFAS chemicals:

Product	Type	PFAS present
Pumps	HPV-02, HPR-02, CPV, K-02, MPR, NPRC	Yes
Motors	HMV-02, HMR-02, HMF-02, CMV, CMF	Yes
Valves	VT Modular, Monoblock	Yes
Electronics	iCON	Yes

PFAS-Containing Component(s)	PFAS Material (CAS-No.)	Concentration (% w/w)	Component present in
Sealing elements, flat seals	FKM (9011-17-0)	60-80%	Pumps, Motors, Valves, Electronics
O-rings	FKM (9011-17-0) 6:2 FTS (27619-97-2) BPAF (1478-61-1)	60-80% < 1 % 5-15%	Pumps, Motors, Valves, Electronics
Sliding bearings, shaft seal rings	PTFE (9002-84-0)	> 95%	Pumps, Motors
Encapsulation materials	FKM(9011-17-0)	60-80%	Electronics
Insulating coatings and bearing components	PTFE (9002-84-0)	> 95%	Pumps, Motors, Valves, Electronics

Please note that the PFAS concentrations are reported at the component/material level and not at the finished product level. The total PFAS mass in a finished assembly may vary depending on component dimensions, geometry, configuration, and quantity used. The listed PFAS materials are intentionally added and disclosed to support customer compliance with applicable PFAS reporting requirements.

LHY continuously monitors regulatory developments, evaluates technically feasible alternatives, and works with suppliers to improve transparency regarding PFAS-containing materials. This statement reflects the information available to LHY as of the date of issue and may be updated as new regulatory requirements or supply chain information become available.

With kind regards,

LHY Powertrain GmbH & Co.KG



Michael Kessler

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