



Technical Datasheet

Permitted fuels for SEPAR products

Summary:

Fuel compatibility of the materials, components and assemblies of the SEPAR product family

1 General

1.1 Temperature ranges

As a standard, our products are fitted with gaskets based on NBR. The lower temperature limit is therefore fixed at -20 °C. In order to use the filters at temperatures down to -40 °C, seals made of FVMQ must be requested.

2 Fuel compatibility

X = Fuel applicable

- = Fuel not applicable

? = Compatibility not known

2.1 Civil fuels

Naming	LKF	SWK	Note
DIN EN 590	X	X	
DIN V 51603-6	X	X	
DIN EN 16709:2019 (B20 und B30)	X	X	
GP UK DIESEL	?	?	
GP UK MT DIESEL	?	?	

2.2 Military fuels

Naming	LKF	SWK	Note
F34	X	X	
F35	X	X	
F44	X	X	
F54	X	X	Identical DIN EN 590
F63	?	?	
F75	X	X	With a sulphur content not exceeding 1,0%
F76	X	X	With a sulphur content not exceeding 1,0%

2.3 Marine distillates

Naming	LKF	SWK	Note
ISO-F DMX	X	X	
ISO-F DMA	X	X	With a sulphur content not exceeding 1,0%
ISO-F DMB	X	X	With a sulphur content not exceeding 2,0%

2.4 Jet fuels Europe

Naming	LKF	SWK	Note
JET A1	X	X	like F35

2.5 Jet fuels US

Naming	LKF	SWK	Note
JP-8	X	X	like F34
JP-5	X	X	like F44

3 Compatibility with alternative fluids

Benennung	LKF	SWK	Anmerkung
EN 14214	X	X	FAME, bio diesel
EN 15940	X	X	Synthetic, Influences the swelling behaviour of the gaskets. Impermeability must be checked regularly.
HVO	X	X	like EN 15940
GTL	X	X	like EN 15940