



Technical Datasheet

Permitted fuels for SEPAR products

Summary:

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

1 General

✔ = Fuel applicable

⊖ = Fuel not applicable

⊛ = Compatibility unknown

2 Civil fuels

Trade name	Standard	LKF	SWK	Note
B7	EN 590, ASTM D7467	✔	✔	
Bio heating oil	DIN 51603-6	✔	✔	
Grade 1-D S15	ASTM D975-16a	✔	✔	
Grade 2-D S15	ASTM D975-16a	✔	✔	

3 Military fuels

Trade name	Standard	LKF	SWK	Note
F34	NATO STANAG 3747, MIL-T-83188D	✔	✔	Like JP-8
F35	NATO STANAG 3747, MIL-T-83188D	✔	✔	Like JET A-1
F44	MIL-PRF-5624S, DEF STAN 91-86	✔	✔	Like JP-5
F54	NATO STANAG 3149, EN 590	✔	✔	Like B7
F63	NATO STANAG 1385 / 3149, ISO 8217	⊛	⊛	
F75	NATO STANAG 1385 / 3149, ISO 8217	✔	✔	With a sulfur content not exceeding 1,0 %
F76	NATO STANAG 1385 / 3149, ISO 8217	✔	✔	With a sulfur content not exceeding 1,0 %

4 Marine distillates

Trade name	Standard	LKF	SWK	Note
DMA	ISO 8217	✔	✔	With a sulfur content not exceeding 1,0 %
DMB	ISO 8217	✔	✔	With a sulfur content not exceeding 2,0 %
DMX	ISO 8217	✔	✔	
HFO	ISO 8217	⊖	⊖	
MDO	ISO 8217	✔	✔	
MFO	ISO 8217	⊖	⊖	

5 Jet fuels

<i>Trade name</i>	<i>Standard</i>	<i>LKF</i>	<i>SWK</i>	<i>Note</i>
JET A-1	ASTM D1655, DEF STAN 91-91	✓	✓	Like F35
JP-5	MIL-T-83188D, DEF STAN 91-87	✓	✓	Like F44
JP-8	MIL-PRF-5624S, DEF STAN 91-86	✓	✓	Like F34

6 alternative fuels

<i>Trade name</i>	<i>Standard</i>	<i>LKF</i>	<i>SWK</i>	<i>Note</i>
B20	EN 16709	✓	✓	
B30	EN 16709	✓	✓	
B100	EN 14214, ASTM D6751	✓	✓	Wie FAME
FAME	EN 14214, ASTM D6751	✓	✓	Like B100
HVO	EN 15940	✓	✓	Affects the swelling behavior of seals. Regularly check for leakage.
GTC	EN 15940	✓	✓	Affects the swelling behavior of seals. Regularly check for leakage.
GTL	EN 15940	✓	✓	Affects the swelling behavior of seals. Regularly check for leakage.