

## New Release: Semperit Oil & Fuel Matrix

The effects of oils and fuels on rubber depend on many factors which must thoroughly be examined for the correct selection of material and hoses. To make the **right choice for your application**, our technical team developed and launched an overview matrix of the oil and fuel suitability already back in 2022. It was based on a **complex testing procedure** to analyze the suitability of different rubber compounds with a large variety of calibrated media. The matrix provides a **transparent** and **clear directional** indication which hose should be used for which application to facilitate the selection.

As we are living in times of change and developments in this industry are fast moving and requirements are increasing, Semperit has decided to analyze its oil/fuel hose portfolio and provide our customers with an **updated version** of the oil/fuel matrix. The overview has been expanded to include the **synthetic fuels HVO** (Hydrotreated Vegetable Oil) and **GTL** (Gas to Liquids), alternative fuel solutions that are once again coming into focus due to the climate crisis.

You can view and download Semperit's updated oil & fuel matrix on our website:  
<https://hoses.semperitgroup.com/info-center/technical-information-industrial-hoses/>

Semperit Hoses - OIL&FUEL Suitability Matrix

Application / Anwendung	Hose type / Schlauchtype	Standard	Mineral Oil - max. aromatics**				Diesel / Biodiesel / Synthetic Diesel					Gasoline / Benzin				Gas	
			30%	40%	50%	60%	B7 (EN590)	B20	Biodiesel (B100/FAME)	HVO100	GTL	E5 (EN 228)	E10	E85	E100	LPG	CNG
Vehicle Fuel Treibstoffschlauch Fahrzeug	FUB	SAE J30 R2/R6	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	FMO	see remark*	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	FMS	see remark*	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	FUE	see remark*	S	S	S	X	S	S	C	X	X	S	S	C	C	X	X
	FPB R67/R110	ECE R67/R110	X	X	X	X	X	X	X	X	X	X	X	X	X	S	S
	FPB	see remark*	X	X	X	X	X	X	X	X	X	X	X	X	X	S	X
Petrol Pump Zapfstellenschlauch	TEF 1360	EN 1360	S	S	S	S	S	S	S	X	X	S	S	S	S	X	X
	TEU 1360	EN 1360	S	S	S	S	S	S	S	X	X	S	S	S	S	X	X
	TMH	see remark*	S	S	S	S	S	S	C	X	X	S	S	S	S	X	X
	TOF 319	see remark*	S	S	S	S	S	S	C	X	X	S	S	S	S	X	X
Oil / Fuel Tank Truck	TM3-D	EN 1762	S	S	S	S	S	S	S	X	X	S	S	S	S	S <sup>2</sup>	S <sup>2</sup>
	TM1	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	TM2	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	FLEXIOIL	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X
	FLEXIOIL D	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X

Our [team of experts](#) will be happy to provide you with more detailed information and answer any further questions you may have.

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