

Compatibility of Elastomers with Base Oils

Elastomers \ Base Oils	Elastomers									
	ACM	CR	CSM	EPDM	FKM	FPM	NBR	NR	SBR	MFO, MPO, MO, MVFO
Mineral Oils	yes	limited	yes	no	yes	no	yes	no	no	yes
Polyalphaolefines PAO	yes	limited	yes	no	yes	no	yes	no	no	yes
Ester Oils	no	no	no	no	yes	no	yes 70°C	no	no	limited
Polyglycoles	no	limited	limited	yes	yes	no	no	yes	yes	limited
Silicon Oils	yes	yes	yes	yes	yes	no	yes	yes	yes	no
Perfluoralkylether PFPE, PFAE	yes	yes	yes	yes	yes	no	yes	yes	yes	yes

Attention: The synthetics and oils are product families.

- yes = Elastomeres and Base Oils are compatible **in most cases**.
Compatibility has to be checked in every single case.
- No = Elastomeres and base oils are not compatible
- limited = Thickeners are compatible in exceptional cases