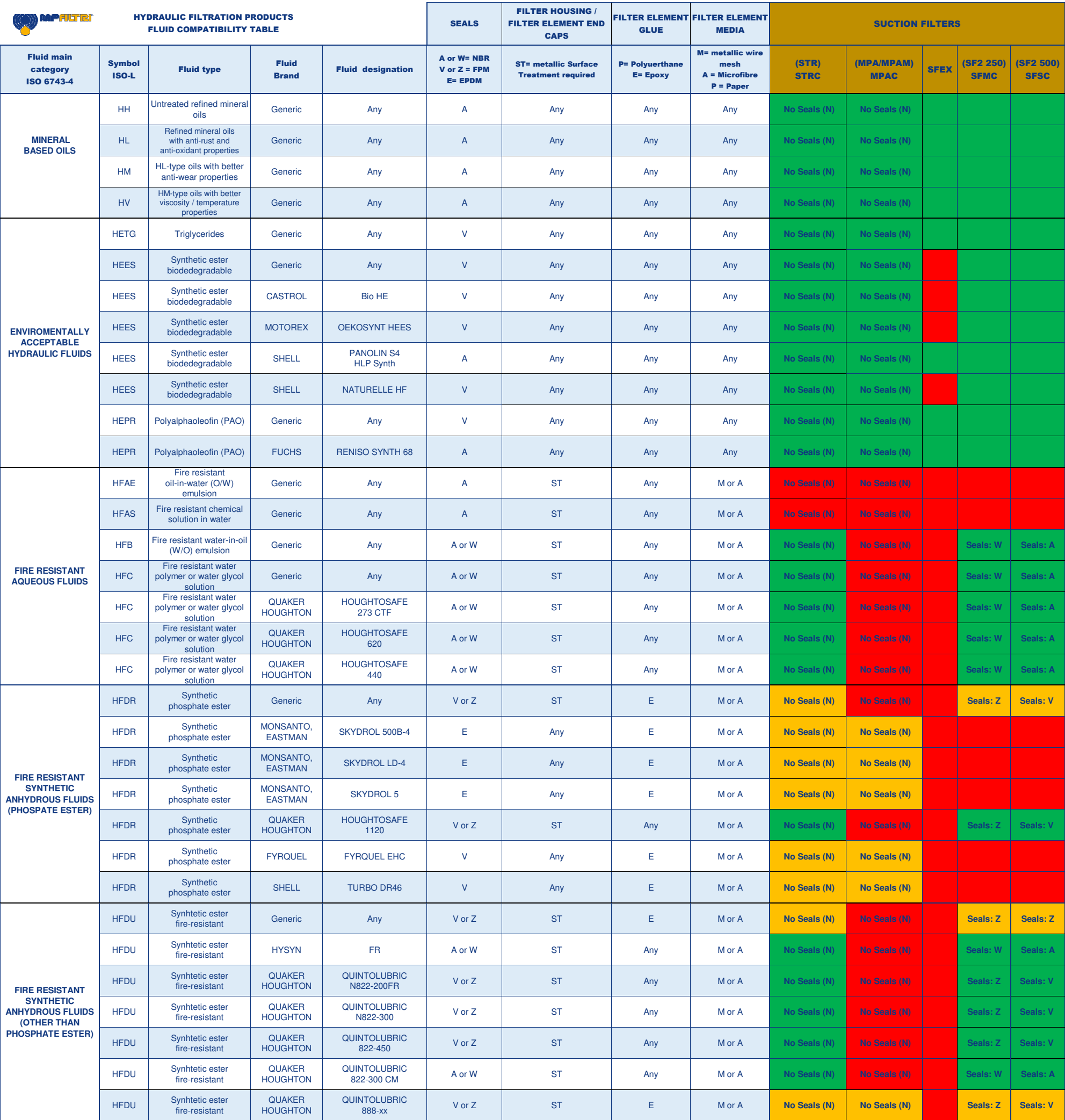




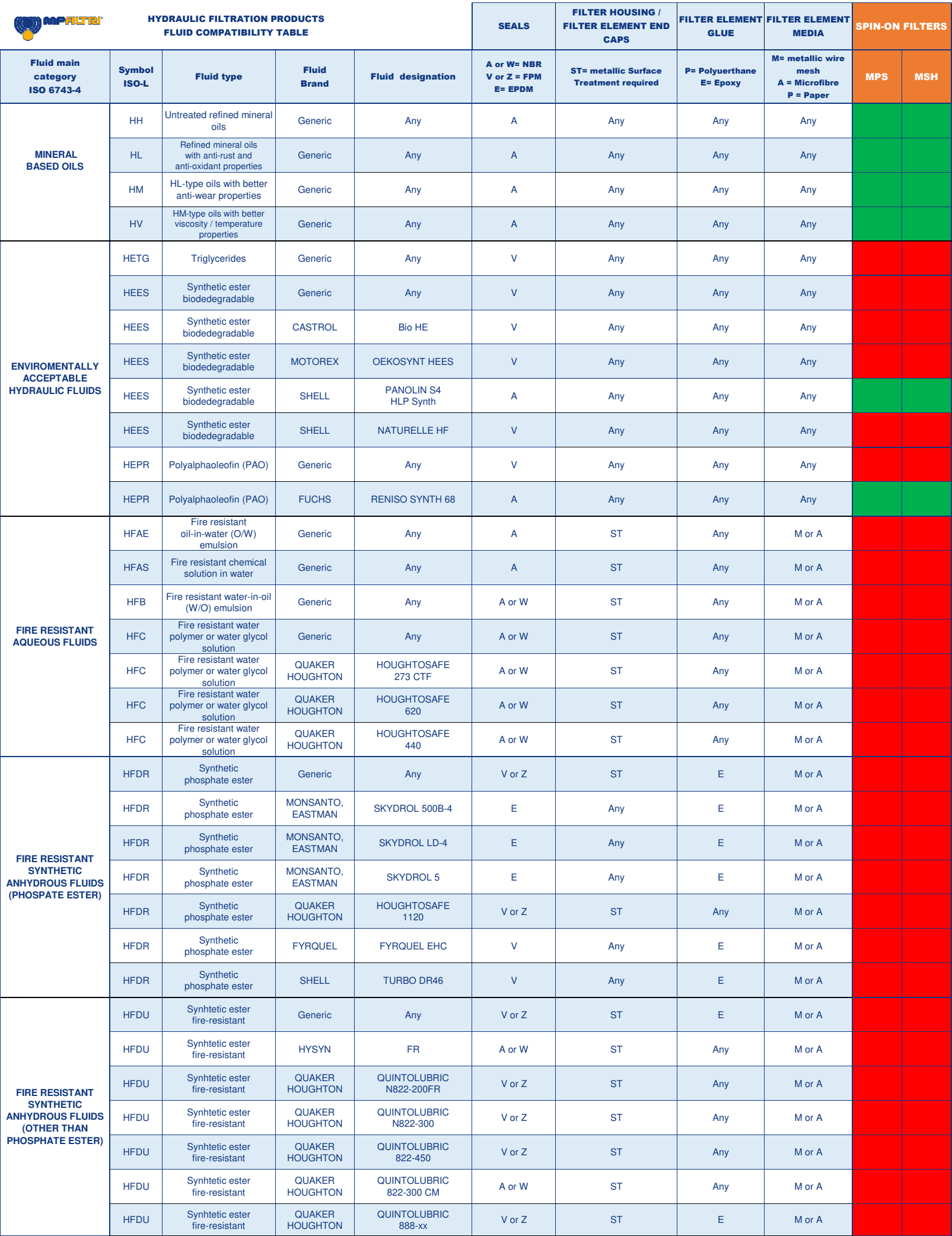
HYDRAULIC FILTRATION PRODUCTS FLUID COMPATIBILITY TABLE					SEALS	FILTER HOUSING / FILTER ELEMENT END CAPS	FILTER ELEMENT GLUE	FILTER ELEMENT MEDIA	RETURN FILTERS													
Fluid main category ISO 6743-4	Symbol ISO-L	Fluid type	Fluid Brand	Fluid designation	A , W or L = NBR V, Z or M = FPM E = EPDM	ST= metallic Surface Treatment required	P= Polyurethane E= Epoxy	M= metallic wire mesh A = Microfibre P = Paper	RFEX	MPFX	MPLX	MPTX	MFBX	MPF	MPT	MFB	MDH	MPH MPI	FRI	FRI 255	FRI 850	RF2
MINERAL BASED OILS	HH	Untreated refined mineral oils	Generic	Any	A	Any	Any	Any														
	HL	Refined mineral oils with anti-rust and anti-oxidant properties	Generic	Any	A	Any	Any	Any														
	HM	HL-type oils with better anti-wear properties	Generic	Any	A	Any	Any	Any														
	HV	HM-type oils with better viscosity / temperature properties	Generic	Any	A	Any	Any	Any														
ENVIRONMENTALLY ACCEPTABLE HYDRAULIC FLUIDS	HETG	Triglycerides	Generic	Any	V	Any	Any	Any														
	HEES	Synthetic ester biodegradable	Generic	Any	V	Any	Any	Any														
	HEES	Synthetic ester biodegradable	CASTROL	Bio HE	V	Any	Any	Any														
	HEES	Synthetic ester biodegradable	MOTOREX	OEKOSYNT HEES	V	Any	Any	Any														
	HEES	Synthetic ester biodegradable	SHELL	PANOLIN S4 HLP Synth	A	Any	Any	Any														
	HEES	Synthetic ester biodegradable	SHELL	NATURELLE HF	V	Any	Any	Any														
	HEPR	Polyalphaolefin (PAO)	Generic	Any	V	Any	Any	Any														
	HEPR	Polyalphaolefin (PAO)	FUCHS	RENISO SYNTH 68	A	Any	Any	Any														
FIRE RESISTANT AQUEOUS FLUIDS	HFAE	Fire resistant oil-in-water (O/W) emulsion	Generic	Any	A	ST	Any	M or A														
	HFAS	Fire resistant chemical solution in water	Generic	Any	A	ST	Any	M or A														
	HFB	Fire resistant water-in- oil (W/O) emulsion	Generic	Any	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFC	Fire resistant water polymer or water glycol solution	Generic	Any	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 273 CTF	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 620	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 440	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (PHOSPATE ESTER)	HFDR	Synthetic phosphate ester	Generic	Any	V or Z or M**	ST	E	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 500B- 4	E	Any	E	M or A														
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL LD-4	E	Any	E	M or A														
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 5	E	Any	E	M or A														
	HFDR	Synthetic phosphate ester	QUAKER HOUGHTON	HOUGHTOSAFE 1120	V or Z or M**	ST	Any	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V	Seals: V	Seals: Z	
	HFDR	Synthetic phosphate ester	FYRQUEL	FYRQUEL EHC	V or Z or M**	Any	E	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V	Seals: V	Seals: Z	Seals: V
	HFDR	Synthetic phosphate ester	SHELL	TURBO DR46	V or Z or M**	Any	E	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V	Seals: V	Seals: Z	Seals: V
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (OTHER THAN PHOSPHATE ESTER)	HFDU	Synthetic ester fire-resistant	Generic	Any	V or Z	ST	E	M or A		Seals: Z or M	Seals: V	Seals: Z	Seals: Z	Seals: Z or M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	
	HFDU	Synthetic ester fire-resistant	HYSYN	FR	A or W or L*	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFDU	Synthetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-200FR	V or Z or M**	ST	Any	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	
	HFDU	Synthetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-300	V or Z or M**	ST	Any	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	
	HFDU	Synthetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-450	V or Z or M**	ST	Any	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	
	HFDU	Synthetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-300 CM	A or W	ST	Any	M or A		Seals: W, L	Seals: A	Seals: W	Seals: W	Seals: W, L	Seals: W	Seals: W	Seals: W	Seals: W	Seals: A		Seals: W	
	HFDU	Synthetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 888-xx	V or Z or M**	ST	E	M or A		Seals: Z, M	Seals: V	Seals: Z	Seals: Z	Seals: Z, M	Seals: Z	Seals: Z	Seals: Z	Seals: Z	Seals: V		Seals: Z	

*L: NBR flat seal
on head
**M: FPM flat
seal on head

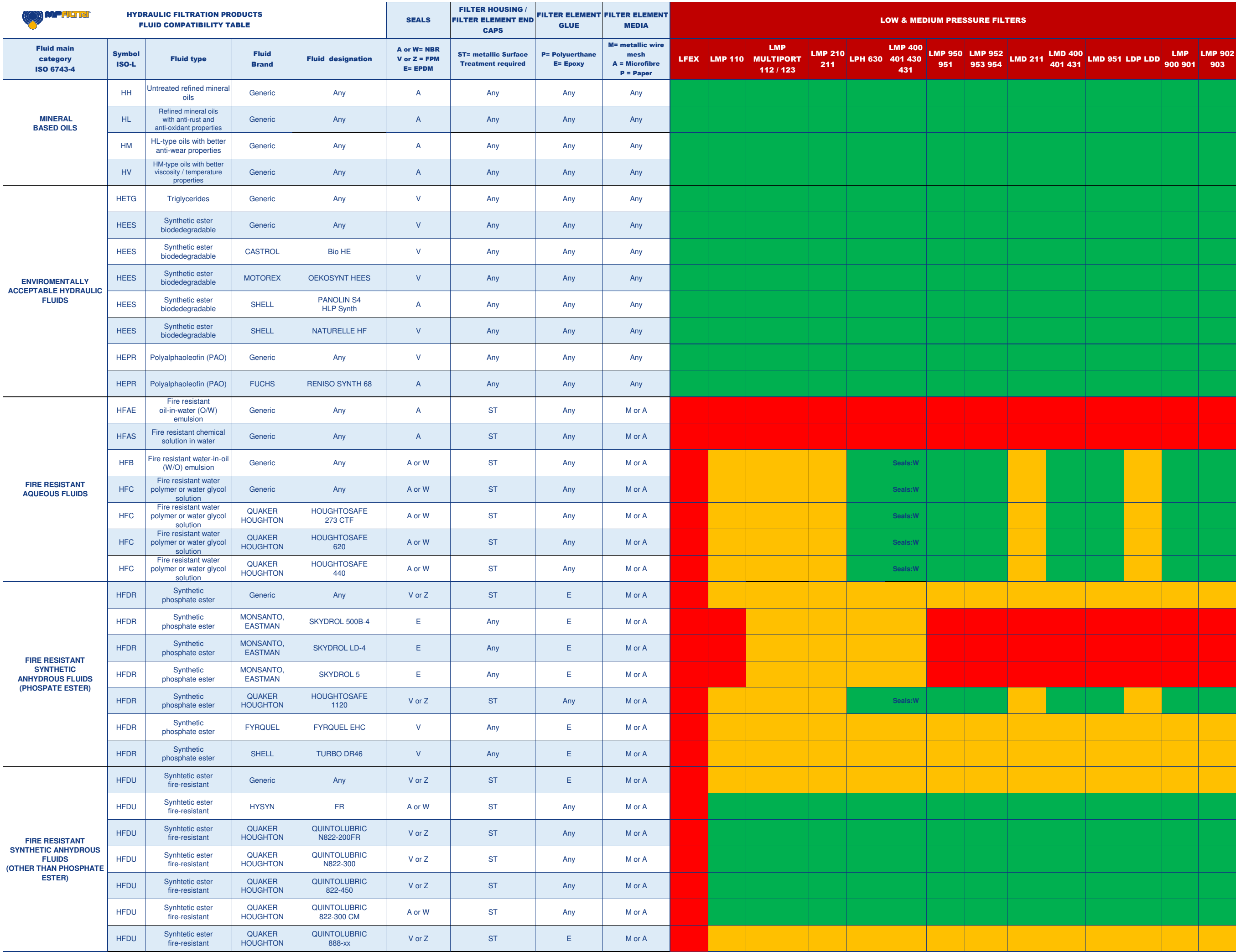


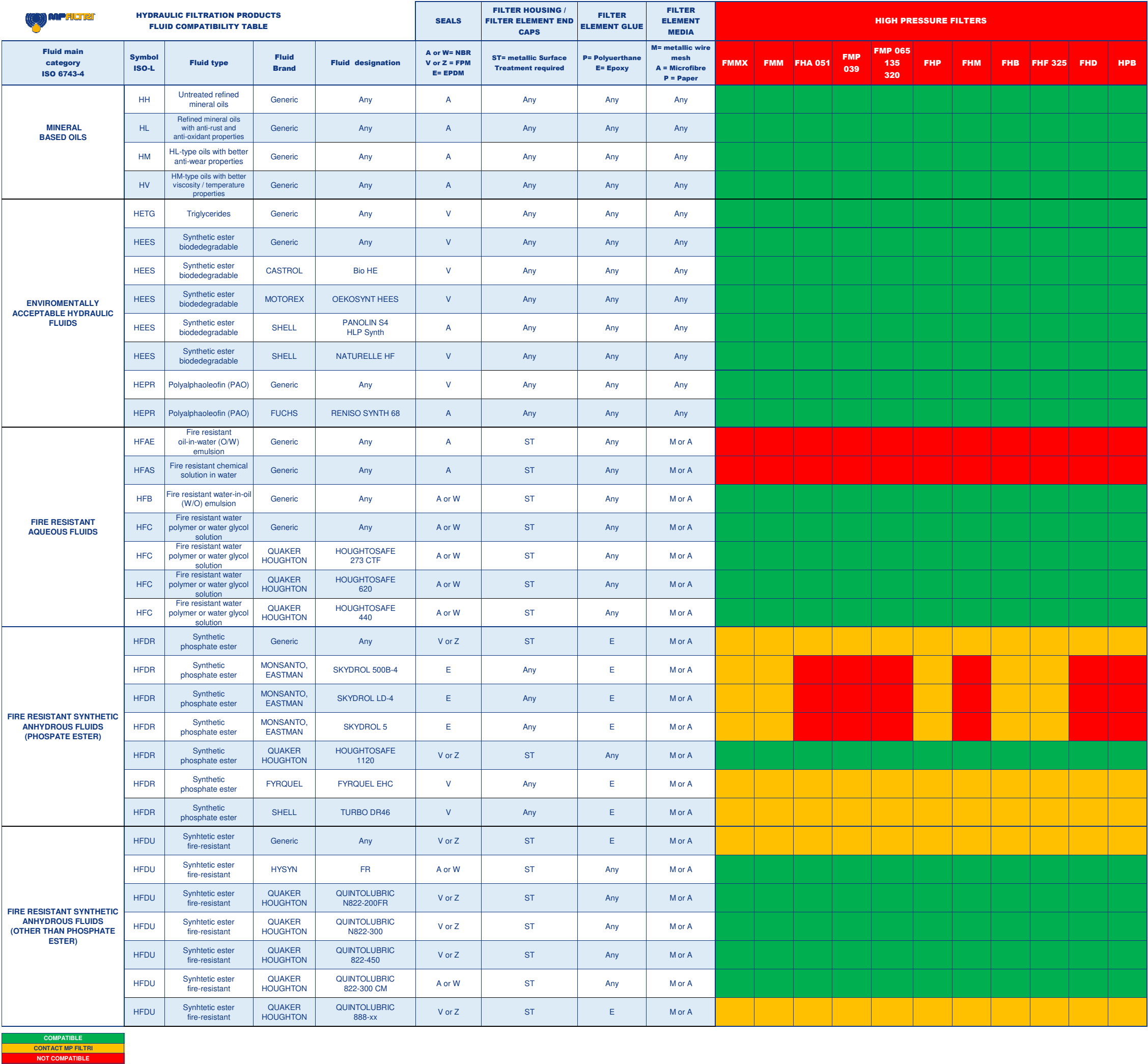
 HYDRAULIC FILTRATION PRODUCTS FLUID COMPATIBILITY TABLE					SEALS	FILTER HOUSING / FILTER ELEMENT END CAPS	FILTER ELEMENT GLUE	FILTER ELEMENT MEDIA	RETURN / SUCTION FILTERS	
Fluid main category ISO 6743-4	Symbol ISO-L	Fluid type	Fluid Brand	Fluid designation	A or W= NBR V or Z = FPM E= EPDM	ST= metallic Surface Treatment required	P= Polyuerthane E= Epoxy	M= metallic wire mesh A = Microfibre P = Paper	MRSX	LMP 124 MULTIPORT
MINERAL BASED OILS	HH	Untreated refined mineral oils	Generic	Any	A	Any	Any	Any		
	HL	Refined mineral oils with anti-rust and anti-oxidant properties	Generic	Any	A	Any	Any	Any		
	HM	HL-type oils with better anti-wear properties	Generic	Any	A	Any	Any	Any		
	HV	HM-type oils with better viscosity / temperature properties	Generic	Any	A	Any	Any	Any		
ENVIROMENTALLY ACCEPTABLE HYDRAULIC FLUIDS	HETG	Triglycerides	Generic	Any	V	Any	Any	Any		
	HEES	Synthetic ester biodegradable	Generic	Any	V	Any	Any	Any		
	HEES	Synthetic ester biodegradable	CASTROL	Bio HE	V	Any	Any	Any		
	HEES	Synthetic ester biodegradable	MOTOREX	OEKOSYNT HEES	V	Any	Any	Any		
	HEES	Synthetic ester biodegradable	SHELL	PANOLIN S4 HLP Synth	A	Any	Any	Any		
	HEES	Synthetic ester biodegradable	SHELL	NATURELLE HF	V	Any	Any	Any		
	HEPR	Polyalphaoleofin (PAO)	Generic	Any	V	Any	Any	Any		
	HEPR	Polyalphaoleofin (PAO)	FUCHS	RENISO SYNTH 68	A	Any	Any	Any		
FIRE RESISTANT AQUEOUS FLUIDS	HFAE	Fire resistant oil-in-water (O/W) emulsion	Generic	Any	A	ST	Any	M or A		
	HFAS	Fire resistant chemical solution in water	Generic	Any	A	ST	Any	M or A		
	HFB	Fire resistant water-in-oil (W/O) emulsion	Generic	Any	A or W	ST	Any	M or A		
	HFC	Fire resistant water polymer or water glycol solution	Generic	Any	A or W	ST	Any	M or A		
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 273 CTF	A or W	ST	Any	M or A		
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 620	A or W	ST	Any	M or A		
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 440	A or W	ST	Any	M or A		
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (PHOSPATE ESTER)	HFDR	Synthetic phosphate ester	Generic	Any	V or Z	ST	E	M or A		
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 500B-4	E	Any	E	M or A		
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL LD-4	E	Any	E	M or A		
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 5	E	Any	E	M or A		
	HFDR	Synthetic phosphate ester	QUAKER HOUGHTON	HOUGHTOSAFE 1120	V or Z	ST	Any	M or A		
	HFDR	Synthetic phosphate ester	FYRQUEL	FYRQUEL EHC	V	Any	E	M or A		
	HFDR	Synthetic phosphate ester	SHELL	TURBO DR46	V	Any	E	M or A		
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (OTHER THAN PHOSPHATE ESTER)	HFDU	Synhtetic ester fire-resistant	Generic	Any	V or Z	ST	E	M or A		
	HFDU	Synhtetic ester fire-resistant	HYSYN	FR	A or W	ST	Any	M or A		
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-200FR	V or Z	ST	Any	M or A		
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-300	V or Z	ST	Any	M or A		
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-450	V or Z	ST	Any	M or A		
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-300 CM	A or W	ST	Any	M or A		
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 888-xx	V or Z	ST	E	M or A		

COMPATIBLE
CONTACT MP FILTRI
NOT COMPATIBLE



COMPATIBLE
CONTACT MP FILTRI
NOT COMPATIBLE







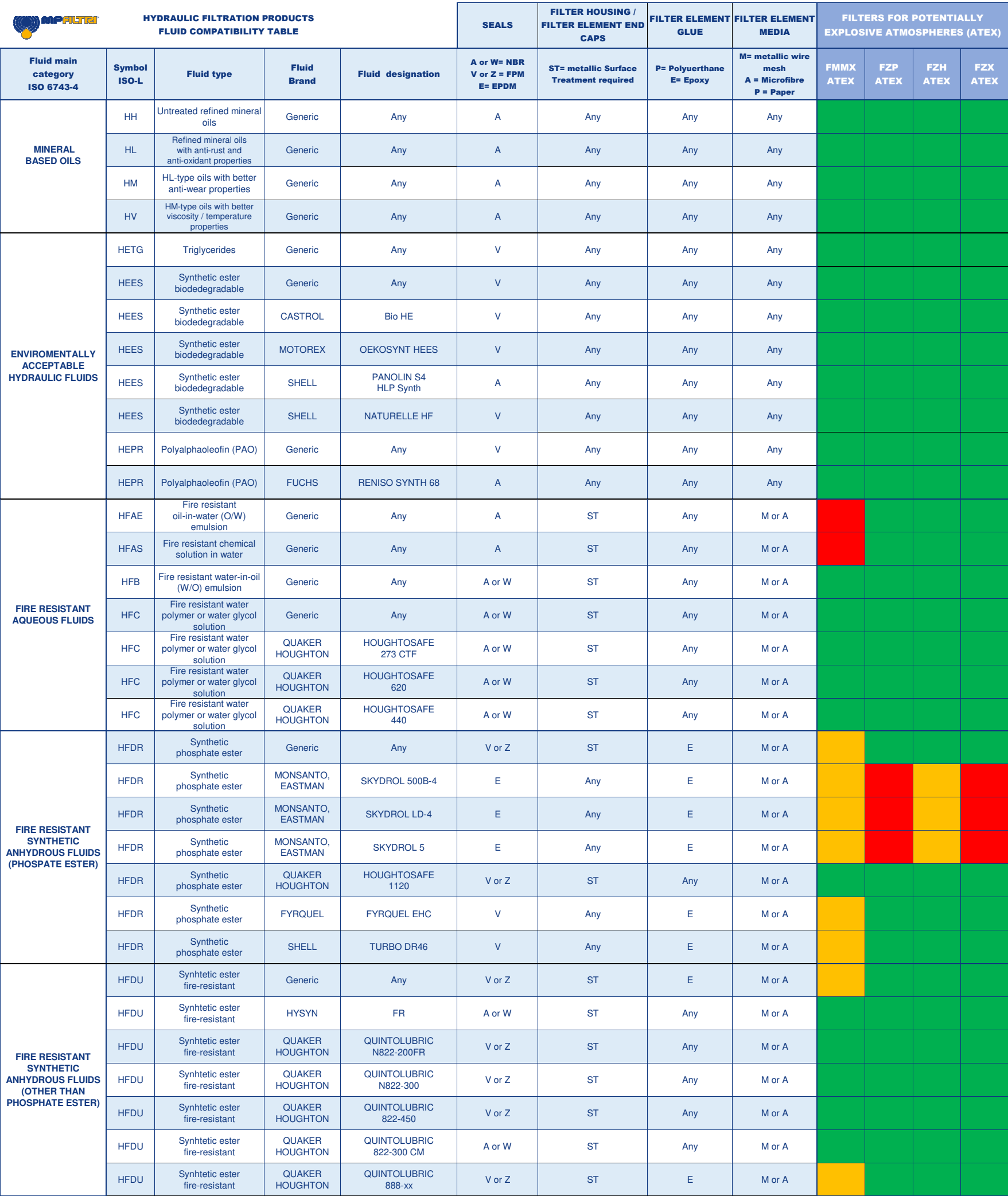
HYDRAULIC FILTRATION PRODUCTS FLUID COMPATIBILITY TABLE

HYDRAULIC FILTRATION PRODUCTS FLUID COMPATIBILITY TABLE					SEALS	FILTER HOUSING / FILTER ELEMENT END CAPS	FILTER ELEMENT GLUE	FILTER ELEMENT MEDIA	STAINLESS STEEL HIGH PRESSURE FILTERS					
Fluid main category ISO 6743-4	Symbol ISO-L	Fluid type	Fluid Brand	Fluid designation	A or W= NBR V or Z = FPM E= EPDM	ST= metallic Surface Treatment required	P= Polyuerthane E= Epoxy	M= metallic wire mesh A = Microfibre P = Paper	FZP	FZH	FZX	FZB	FZM	FZD
MINERAL BASED OILS	HH	Untreated refined mineral oils	Generic	Any	A	Any	Any	Any						
	HL	Refined mineral oils with anti-rust and anti-oxidant properties	Generic	Any	A	Any	Any	Any						
	HM	HL-type oils with better anti-wear properties	Generic	Any	A	Any	Any	Any						
	HV	HM-type oils with better viscosity / temperature properties	Generic	Any	A	Any	Any	Any						
ENVIROMENTALLY ACCEPTABLE HYDRAULIC FLUIDS	HETG	Triglycerides	Generic	Any	V	Any	Any	Any						
	HEES	Synthetic ester biodegradable	Generic	Any	V	Any	Any	Any						
	HEES	Synthetic ester biodegradable	CASTROL	Bio HE	V	Any	Any	Any						
	HEES	Synthetic ester biodegradable	MOTOREX	OEKOSYNT HEES	V	Any	Any	Any						
	HEES	Synthetic ester biodegradable	SHELL	PANOLIN S4 HLP Synth	A	Any	Any	Any						
	HEES	Synthetic ester biodegradable	SHELL	NATURELLE HF	V	Any	Any	Any						
	HEPR	Polyalphaoleofin (PAO)	Generic	Any	V	Any	Any	Any						
	HEPR	Polyalphaoleofin (PAO)	FUCHS	RENISO SYNTH 68	A	Any	Any	Any						
FIRE RESISTANT AQUEOUS FLUIDS	HFAE	Fire resistant oil-in-water (O/W) emulsion	Generic	Any	A	ST	Any	M or A						
	HFAS	Fire resistant chemical solution in water	Generic	Any	A	ST	Any	M or A						
	HFB	Fire resistant water-in-oil (W/O) emulsion	Generic	Any	A or W	ST	Any	M or A						
	HFC	Fire resistant water polymer or water glycol solution	Generic	Any	A or W	ST	Any	M or A						
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 273 CTF	A or W	ST	Any	M or A						
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 620	A or W	ST	Any	M or A						
	HFC	Fire resistant water polymer or water glycol solution	QUAKER HOUGHTON	HOUGHTOSAFE 440	A or W	ST	Any	M or A						
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (PHOSPATE ESTER)	HFDR	Synthetic phosphate ester	Generic	Any	V or Z	ST	E	M or A						
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 500B-4	E	Any	E	M or A						
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL LD-4	E	Any	E	M or A						
	HFDR	Synthetic phosphate ester	MONSANTO, EASTMAN	SKYDROL 5	E	Any	E	M or A						
	HFDR	Synthetic phosphate ester	QUAKER HOUGHTON	HOUGHTOSAFE 1120	V or Z	ST	Any	M or A						
	HFDR	Synthetic phosphate ester	FYRQUEL	FYRQUEL EHC	V	Any	E	M or A						
	HFDR	Synthetic phosphate ester	SHELL	TURBO DR46	V	Any	E	M or A						
FIRE RESISTANT SYNTHETIC ANHYDROUS FLUIDS (OTHER THAN PHOSPATE ESTER)	HFDU	Synhtetic ester fire-resistant	Generic	Any	V or Z	ST	E	M or A						
	HFDU	Synhtetic ester fire-resistant	HYSYN	FR	A or W	ST	Any	M or A						
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-200FR	V or Z	ST	Any	M or A						
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC N822-300	V or Z	ST	Any	M or A						
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-450	V or Z	ST	Any	M or A						
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 822-300 CM	A or W	ST	Any	M or A						
	HFDU	Synhtetic ester fire-resistant	QUAKER HOUGHTON	QUINTOLUBRIC 888-xx	V or Z	ST	E	M or A						

COMPATIBLE

CONTACT MP FILTER

NOT COMPATIBLE



COMPATIBLE
CONTACT MP FILTRI
NOT COMPATIBLE