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# MAGNETIC FLUID

– for **SPEAKER & HEARING AID**



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When using magnetic fluid, it has a Damping, Centering, and radiator effect, which enables quality speakers and hearing aids to be manufactured. .

## ● Benefits of using magnetic fluids

Speakers using magnetic fluids show the following advantages over unused speakers

1. Increased power handling
2. Sophisticated frequency response
3. Reduced system cost
4. Reduced frequency distortion

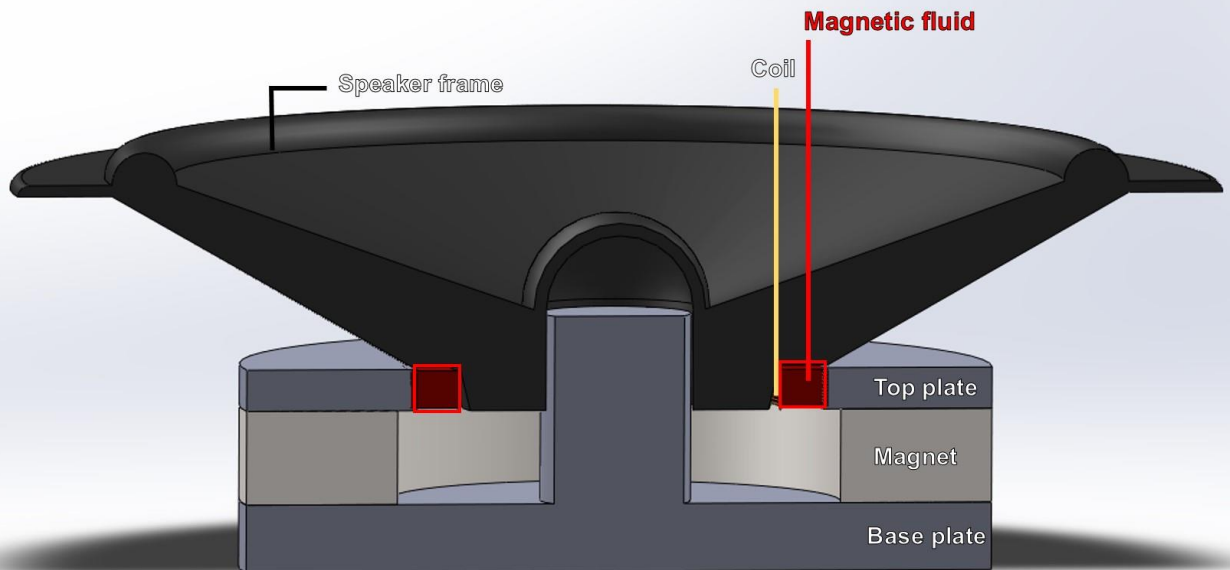


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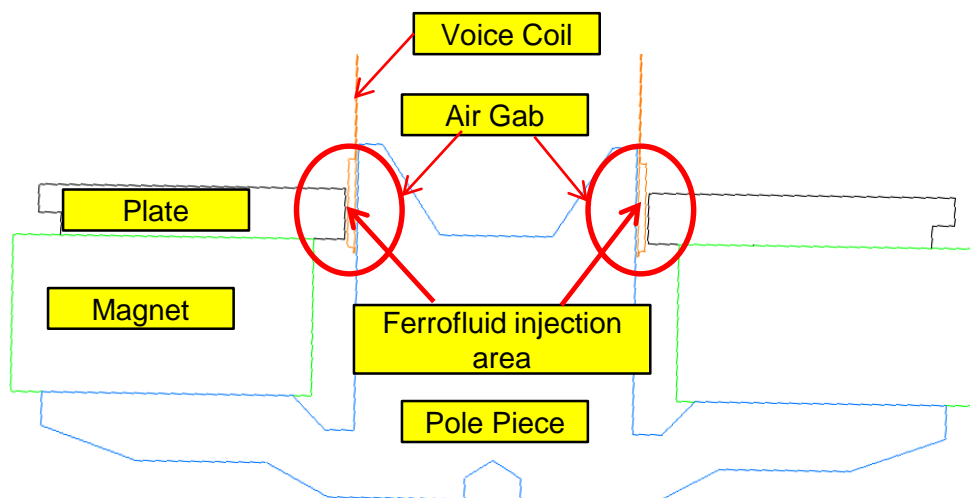
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Due to the centering and characteristics of ferrofluids, production yield can be expected to be 50% better than before.

It minimizes noise and distortion by eliminating dampers that have contributed to poor sound quality of existing speakers. It reduces sound quality distortion by about 30% compared to non-applied speakers.



# ● Specification

No.	Model No.	Saturation Magnetization	Viscosity (mPa.s 27°C) / (cP)		Working Temp.		Critical Temp. °C	Characteristic
			Min.	Max.	Min. °C	Max. °C		
A1	MFO-107	90	250	300	-70	150	250	Tweeters And Multimedia speakers
A2	MFO-109	110	270	300	-70	150	250	
A3	MFO-111	140	300	400	-70	150	250	
A4	MFO-113	160	350	400	-70	150	250	
A5	MFO-115	190	370	400	-70	150	250	
A6	MFO-215	190	370	400~5,000	-70	150	250	Midrange and full-range speakers, sirens
A7	MFO-218	230	450	500~5,000	-70	150	250	
A8	MFO-220	250	470	500~5,000	-70	150	250	
A9	MFO-223	290	600	650~5,000	-70	150	250	
A10	MFO-225	310	700	750~5,000	-70	150	250	
A11	MFO-325	310	80	160	-70	150	200	Woofers, subwoofers, sirens
A12	MFO-335	440	160	240	-70	150	200	
A13	MFO-340	500	250	400	-70	150	200	
A14	MFO-345	560	400	500	-70	150	200	
A15	MFO-350	630	500	700	-70	150	200	
A16	MFR-110	100	1,000		-10	150	180	Midrange
A17	MFR-240	200	4,000		-10	150	180	

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