

“Suppliers of Ferrofluids for Industry and Research”

AudioMAG™ Fluid Catalogue

Liquids Research Ltd is a world leader in the manufacturing of ferrofluids with over 20 years experience. The company offers a wide range of ferrofluids, with AudioMAG™ suitable for applications in audio speakers.

Our range of ferrofluids have been designed to operate at temperature up to 150°C with excursions up to 200°C for short periods of time. All the fluids provide various degrees of damping and heat transfer dependent on the loudspeaker design and the viscosity of the fluid. The catalogue lists those fluids that have already been manufactured and are based on various synthetic oils – other fluids can be produced to a customer’s special requirement.

These high grade ferrofluids may be used in a wide range of drivers such as Tweeters, Supertweeters, Midranges, Small Woofers, Full Range, Compression Drivers, Alarm Type and Headset Drivers.

Our ferrofluid manufacturing facility is based in the UK and is ISO 9001 accredited.

Catalogue Number	Saturation Magnetisation (M _s)		Viscosity @ 27°C	
	Gauss (CGS)	mT (SI)	cP (CGS)	mPa.s (SI)
AMG375-350	375	37.5	350	350
AMG375-250	375	37.5	250	250
AMG350-375	350	35	375	375
AMG325-130	325	32.5	130	130
AMG300-1000	300	30	1000	1000
AMG300-350	300	30	350	350
AMG300-115	300	30	115	115
AMG250-1500	250	25	1500	1500
AMG250-750	250	25	750	750
AMG250-150	250	25	150	150
AMG250-100	250	25	100	100
AMG200-2000	200	20	2000	2000
AMG200-1500	200	20	1500	1500
AMG200-1000	200	20	1000	1000
AMG200-500	200	20	500	500
AMG200-300	200	20	300	300
AMG200-200	200	20	200	200
AMG200-125	200	20	125	125
AMG200-50	200	20	50	50

Catalogue Number	Saturation Magnetisation (M_s)		Viscosity @ 27°C	
	Gauss (CGS)	mT (SI)	cP (CGS)	mPa.s (SI)
AMG150-1500	150	15	1500	1500
AMG150-500	150	15	500	500
AMG150-200	150	15	200	200
AMG150-75	150	15	75	75
AMG150-55	150	15	55	55
AMG150-40	150	15	40	40
AMG100-1000	100	10	1000	1000
AMG100-400	100	10	400	400
AMG100-300	100	10	300	300
AMG100-70	100	10	70	70
AMG100-60	100	10	60	60
AMG100-30	100	10	30	30

Other AudioMAG and custom fluids are available on request with different properties and in different synthetic oils. For more information then please contact mail@liquidsresearch.co.uk.