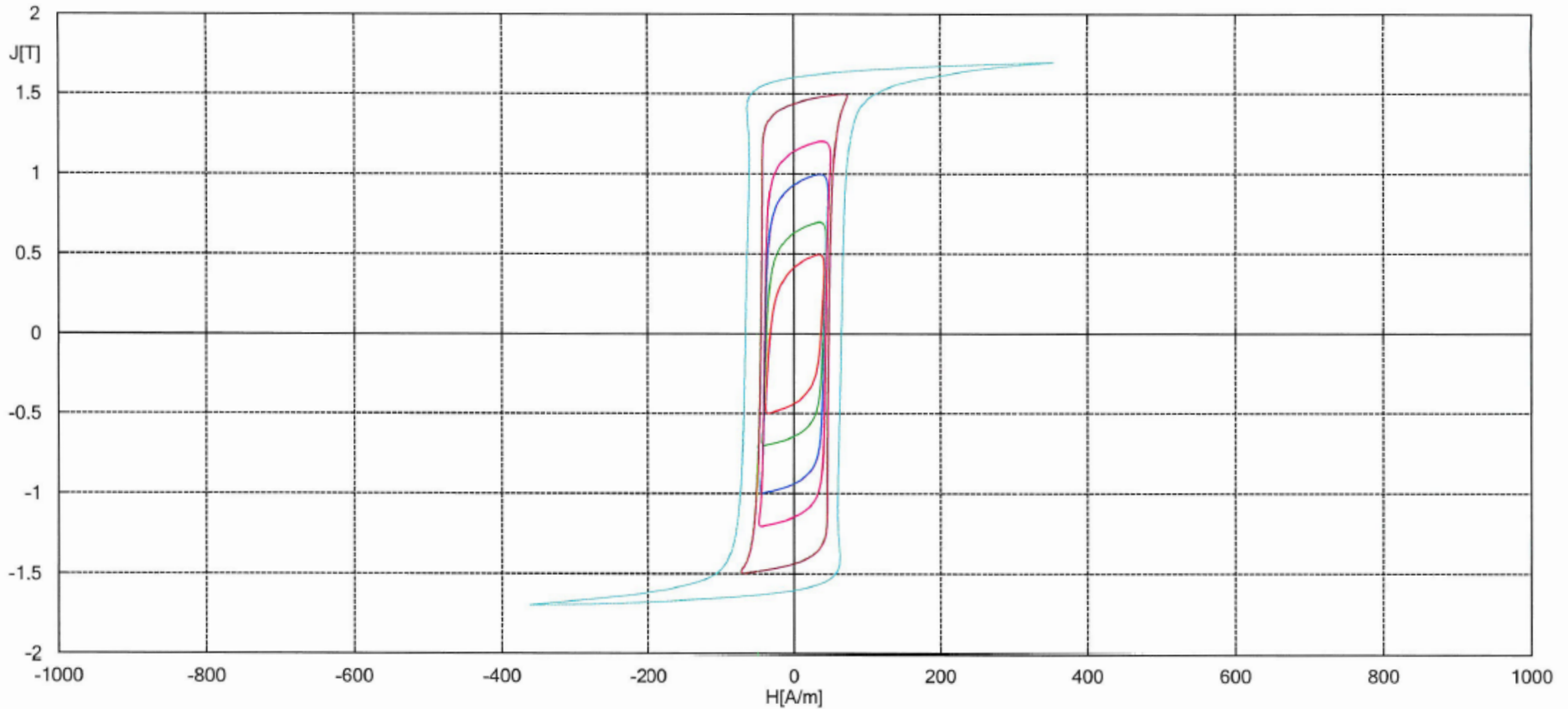


# 2 Mil Grain Oriented Silicon Steel Hysteresis Curve at 400 Hz



	1	2	3	4	5	6	
$B_{max}$	0.498	0.700	0.998	1.20	1.50	1.70	T
$H_{max}$	40.3	43.9	46.4	49.5	73.0	355	A/m
$F_B$	1.109	1.108	1.108	1.108	1.107	1.108	
$B_r$	0.426	0.637	0.935	1.14	1.44	1.60	T
$H_c$	34.8	38.6	40.5	41.6	46.4	65.5	A/m
$P_s$	3.00	5.00	7.73	9.85	14.5	24.7	W/kg
$S_s$	3.7	5.8	8.8	11	18	56	VA/kg
$\mu_a$	9920	$12.6 \cdot 10^3$	$17.1 \cdot 10^3$	$19.4 \cdot 10^3$	$16.3 \cdot 10^3$	3766	

Frequency	: 400 Hz
Waveform	: Sine
Amplitude	: 1.61 V
Points per period	: 500
Spec. temp.	: 25 °C
Turns	: N1 = 30; N2 = 10
Density	: 7.65 g/cm <sup>3</sup>
Mass	: 21.8 g
Path length	: 91.53 mm
Area	: 31.134 mm <sup>2</sup>