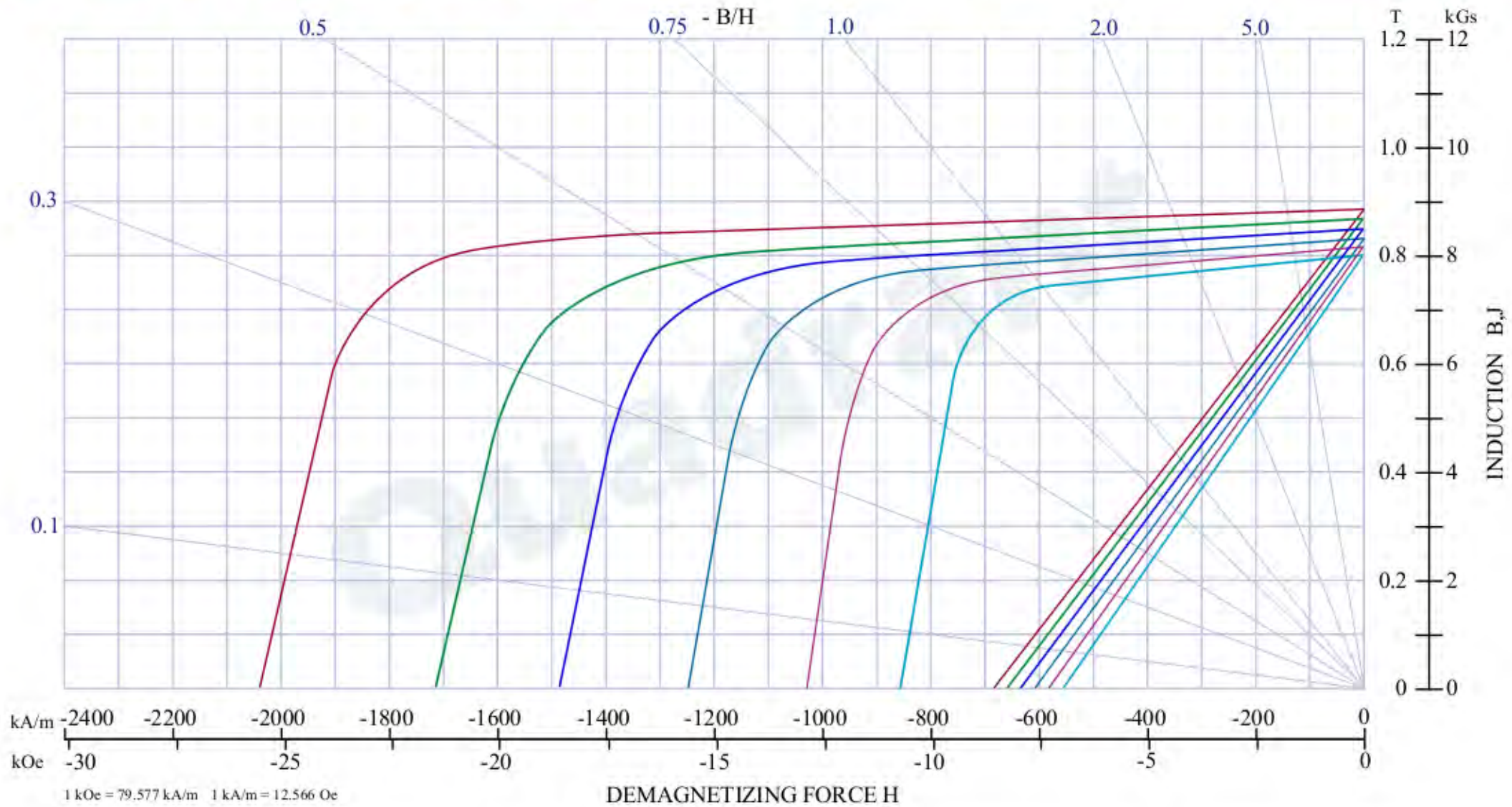
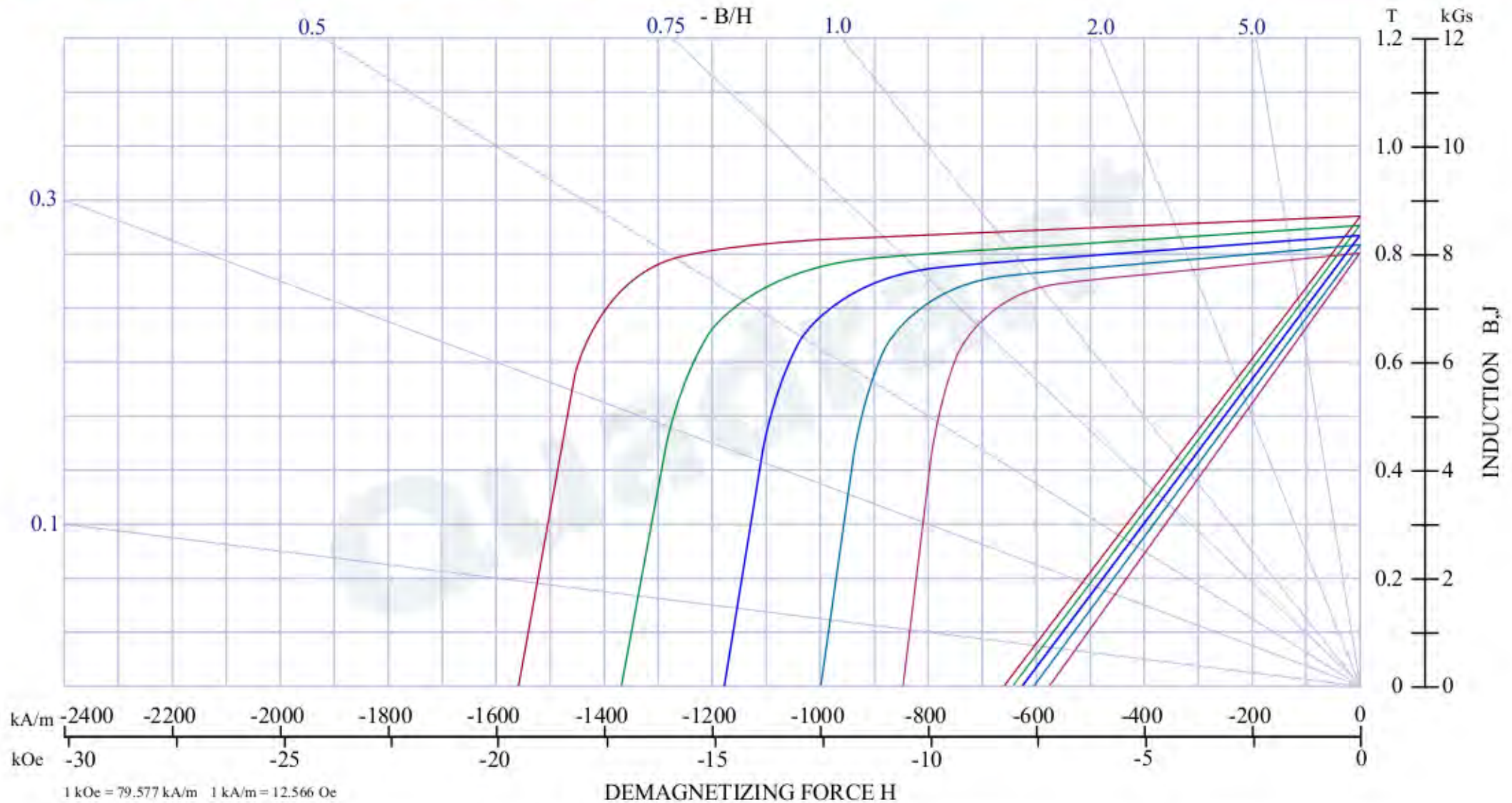


QUADRANT

Grade	Residual Flux Density		Coercive Force				Max Energy Product		Temp Coefficient		Operating Temp	MMPA
	B _r		H _{cB}		H _{cJ}		(BH)max		TK(B _r)	TK(H _{cJ})	T _w Max	
	kGs	mT	kOe	kA/m	kOe	kA/m	MGOe	kJ/m ³	%/°C	%/°C	°C	
SmCo 16A	8.0-9.0	800-900	7.7-8.7	613-692	≥ 25	≥ 1989	14-18	111-143	-0.05	-0.25	250	SmCo ₅
SmCo 16B	8.0-9.0	800-900	7.7-8.7	613-692	≥ 18	≥ 1432	14-18	111-143	-0.05	-0.25	250	
SmCo 20A	8.8-10.0	880-1000	8.0-9.5	637-756	≥ 25	≥ 1989	18-22	143-175	-0.05	-0.25	250	
SmCo 20B	8.8-10.0	880-1000	8.0-9.5	637-756	≥ 18	≥ 1432	18-22	143-175	-0.05	-0.25	250	
SmCo 22A	10.0-10.2	1000-1020	8.5-9.3	676-740	≥ 30	≥ 2387	20-24	159-191	-0.03	-0.2	350	Sm ₂ Co ₁₇
SmCo 22B	10.0-10.2	1000-1020	8.0-9.0	637-716	≥ 10	≥ 796	20-24	159-191	-0.03	-0.2	350	
SmCo 24A	10.2-10.4	1020-1040	8.7-9.5	692-756	≥ 30	≥ 2387	22-26	176-208	-0.03	-0.2	350	
SmCo 24B	10.2-10.4	1020-1040	8.0-9.5	637-756	≥ 10	≥ 796	22-26	176-208	-0.03	-0.2	350	
SmCo 26A	10.4-10.6	1040-1060	9.5-10.5	756-836	≥ 26	≥ 2069	24-28	191-223	-0.03	-0.2	350	
SmCo 26B	10.4-10.6	1040-1060	9.0-10.0	716-796	≥ 10	≥ 796	24-28	191-223	-0.03	-0.2	350	
SmCo 28A	10.6-10.8	1060-1080	9.5-10.5	756-836	≥ 25	≥ 1989	26-30	207-239	-0.03	-0.2	350	
SmCo 28B	10.6-10.8	1060-1080	9.0-10.0	716-796	≥ 10	≥ 796	26-30	207-239	-0.03	-0.2	350	
SmCo 30A	10.8-11.5	1080-1150	9.5-10.5	756-836	≥ 25	≥ 1989	28-32	223-255	-0.03	-0.2	350	
SmCo 30B	10.8-11.5	1080-1150	9.0-10.0	716-796	≥ 10	≥ 796	28-32	223-255	-0.03	-0.2	350	



Magnetic Property Specifications :	Br (Residual flux density) : 8.00-9.00 kGs 0.80-0.90 T	Hcb (Normal coercive force) : 7.70-8.70 kOe 613-692 kA/m	Hcj (Intrinsic coercive force) : >25.0 kOe >1,989 kA/m	(BH)max (Maximum energy product) : 16±2 MGOe 127±16 kJ/m ³
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Magnetic Property Specifications :

Br (Residual flux density) :
8.00-9.00 kGs 0.80-0.90 T

Hcb (Normal coercive force) :
7.70-8.70 kOe 613-692 kA/m

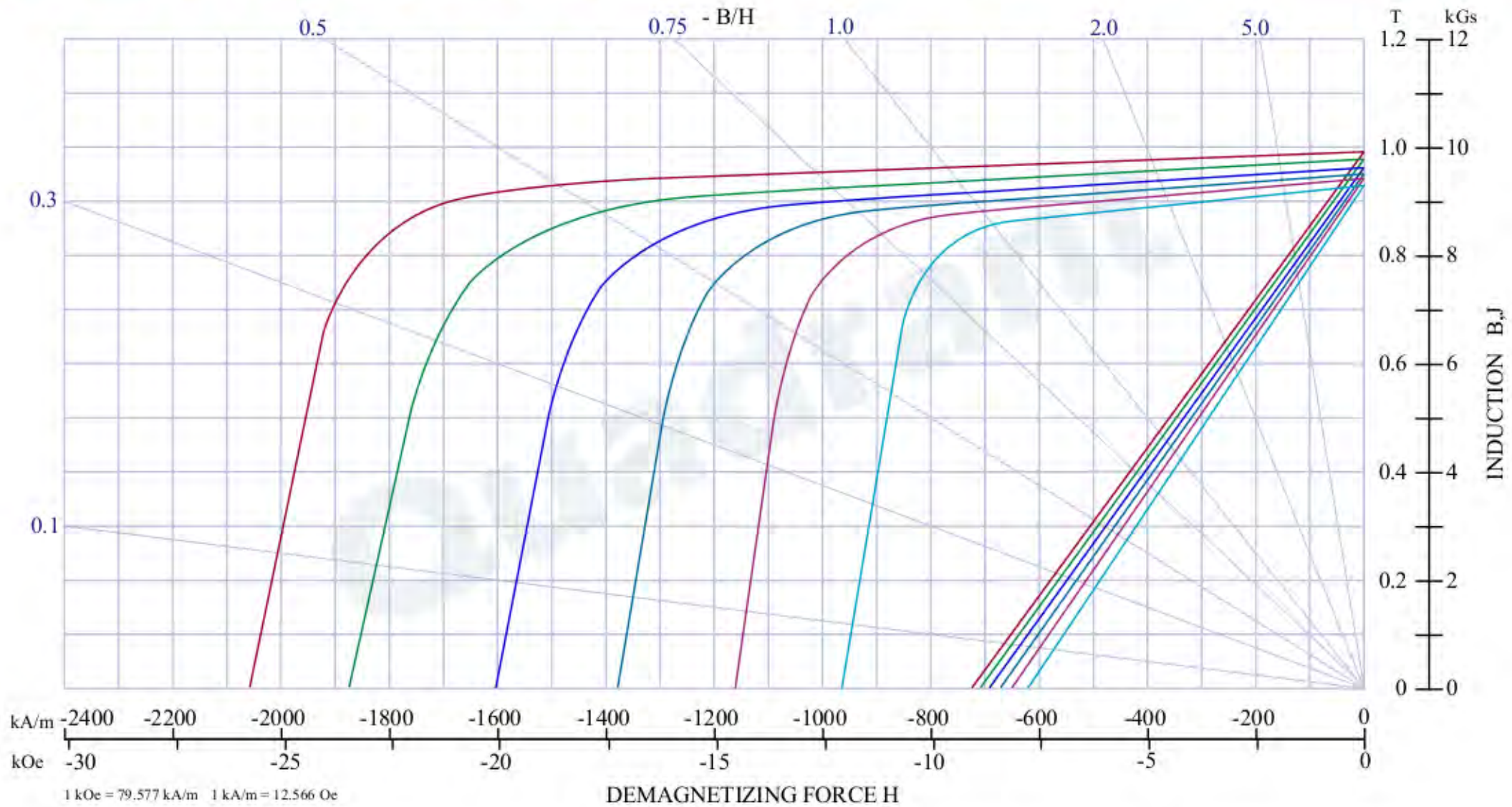
Hcj (Intrinsic coercive force) :
>18.0 kOe >1,432 kA/m

(BH)max (Maximum energy product) :
16±2 MGOe 127±16 kJ/m³

QUADRANT



SmCo 20A

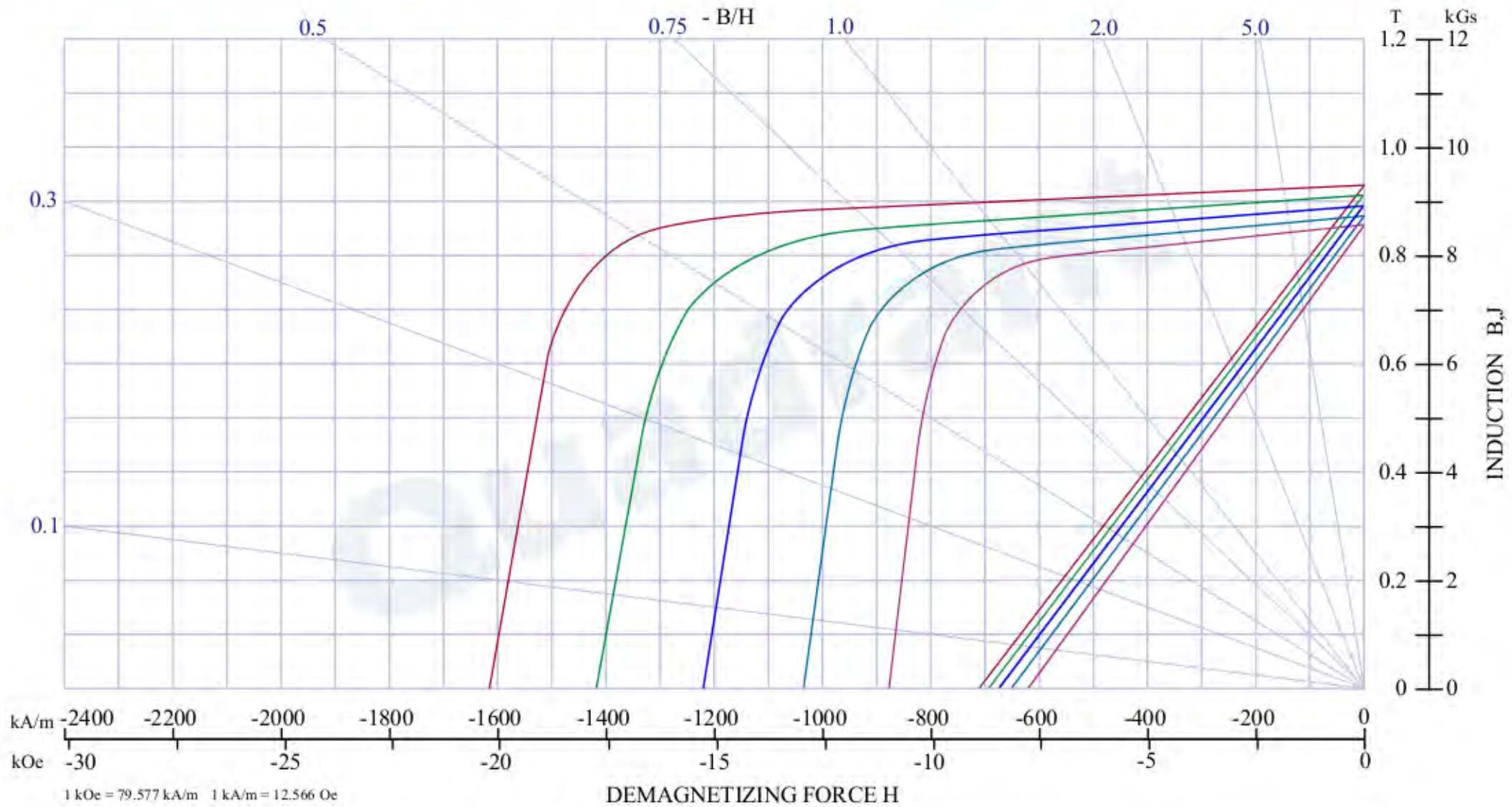


Magnetic Property Specifications :	Br (Residual flux density) :	Hcb (Normal coercive force) :	Hcj (Intrinsic coercive force) :	(BH)max (Maximum energy product) :
	8.80-10.0 kGs 0.88-1.00 T	8.0-9.50 kOe 637-756 kA/m	>25.0 kOe >1,989 kA/m	20±2 MGOe 159±16 kJ/m ³

QUADRANT

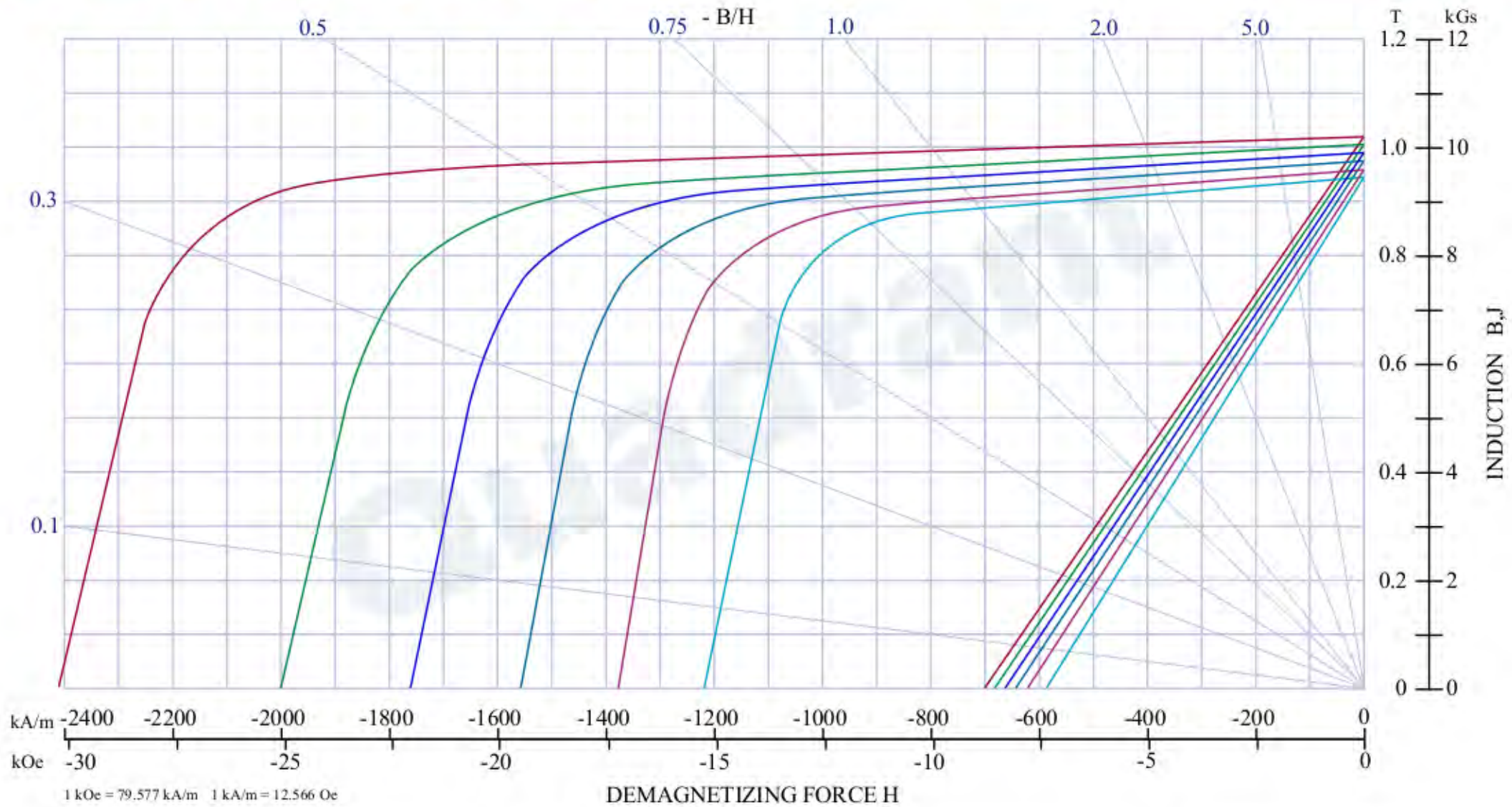


SmCo 20B



1 kOe = 79.577 kA/m 1 kA/m = 12.566 Oe

Magnetic Property Specifications :	B_r (Residual flux density) : 8.80-10.0 kGs 0.88-1.00 T	H_{cb} (Normal coercive force) : 8.00-9.50 kOe 637-756 kA/m	H_{cj} (Intrinsic coercive force) : >18.0 kOe >1,432 kA/m	$(BH)_{max}$ (Maximum energy product) : 20±2 MGOe 159±16 kJ/m ³
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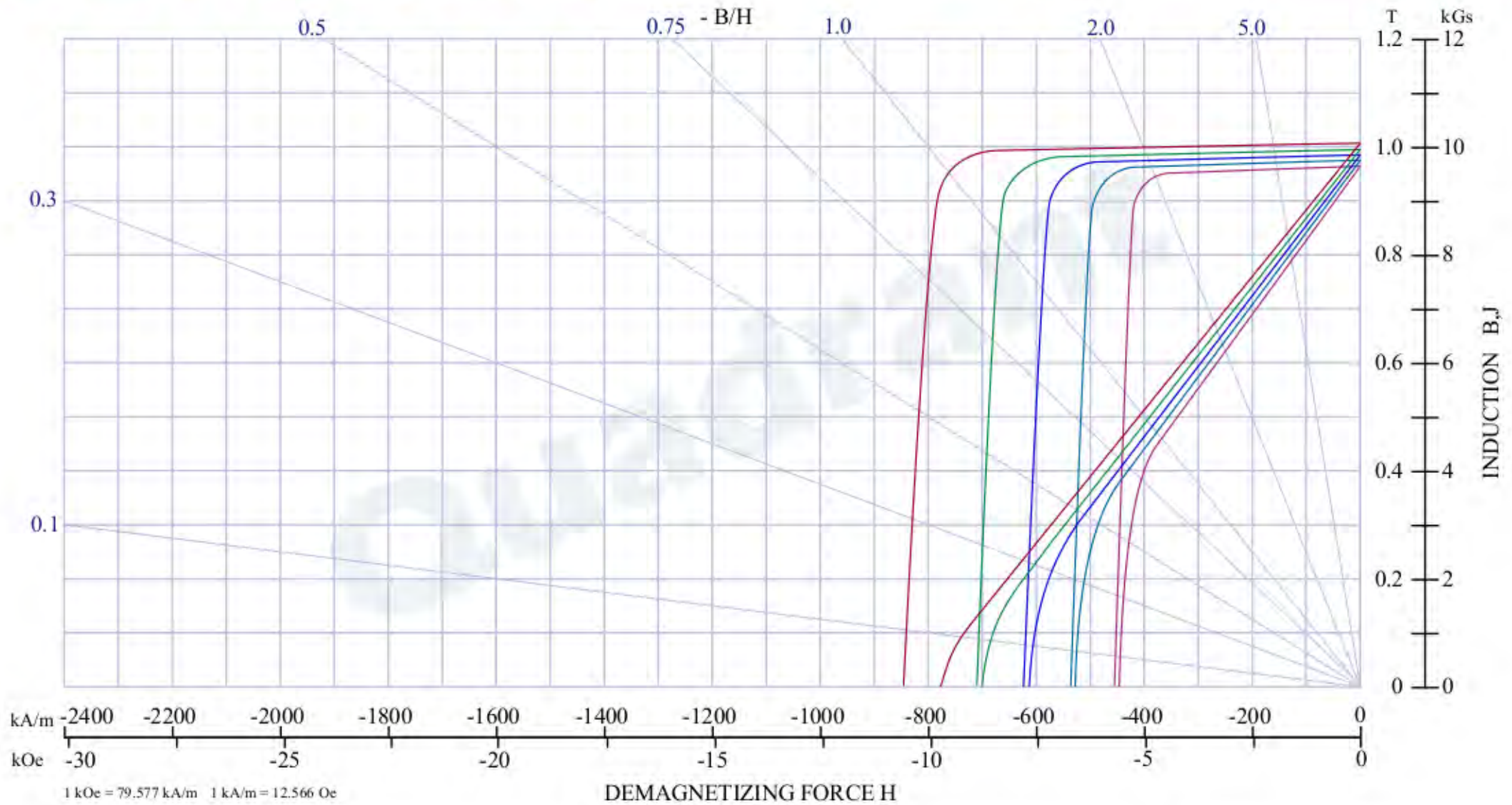


Magnetic Property Specifications :	Br (Residual flux density) : 10.0-10.2 kGs 1.00-1.02 T	Hcb (Normal coercive force) : 8.5-9.30 kOe 676-740 kA/m	Hcj (Intrinsic coercive force) : >30.0 kOe >2,387 kA/m	(BH)max (Maximum energy product) : 22±2 MGOe 175±16 kJ/m ³
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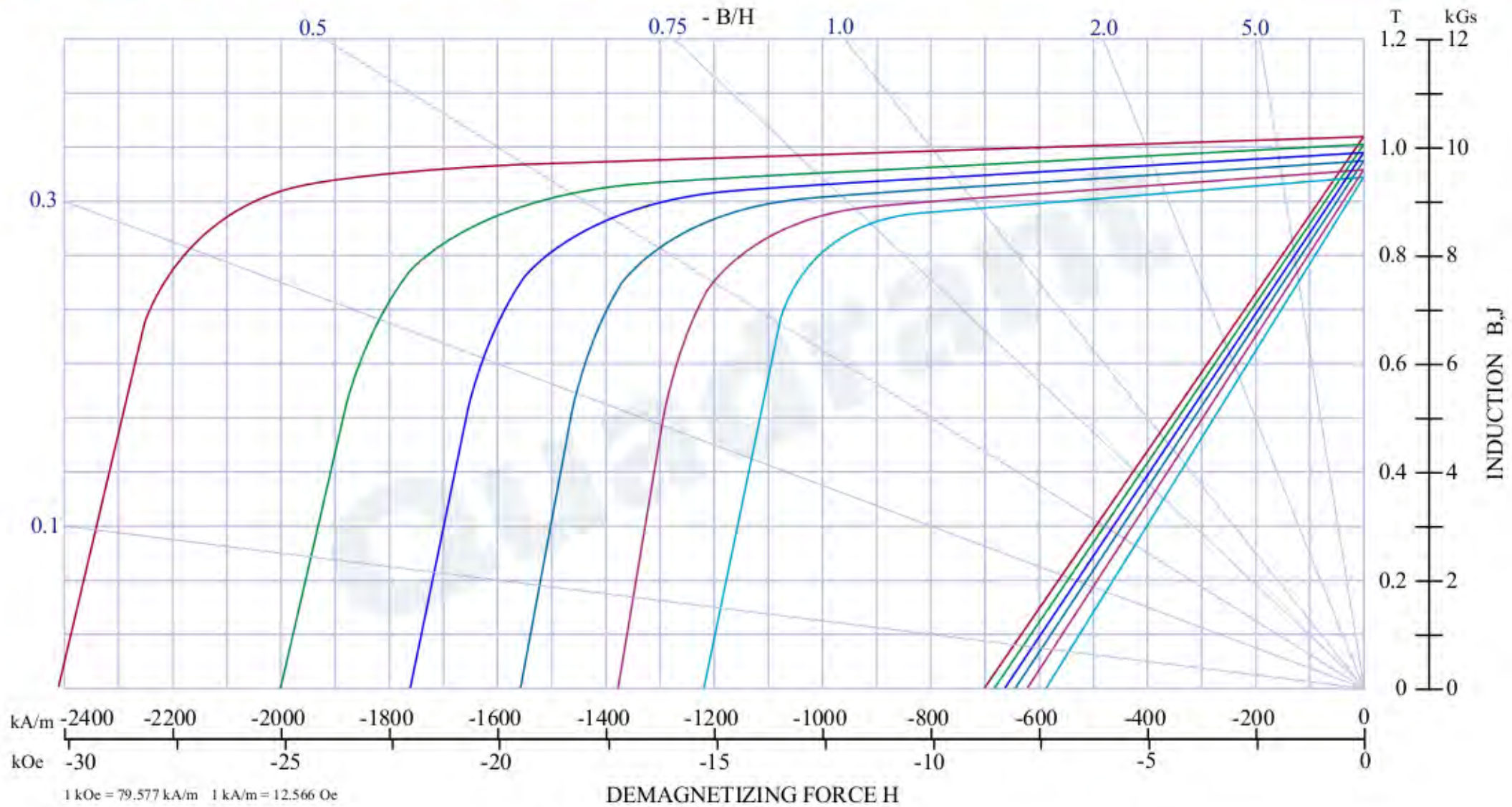
QUADRANT



SmCo 22B



Magnetic Property Specifications :	B_r (Residual flux density) : 10.0-10.2 kGs 1.00-1.02 T	H_{cb} (Normal coercive force) : 8.00-9.00 kOe 637-716 kA/m	H_{cj} (Intrinsic coercive force) : >10.0 kOe >796 kA/m	$(BH)_{max}$ (Maximum energy product) : 22±2 MGOe 175±16 kJ/m ³
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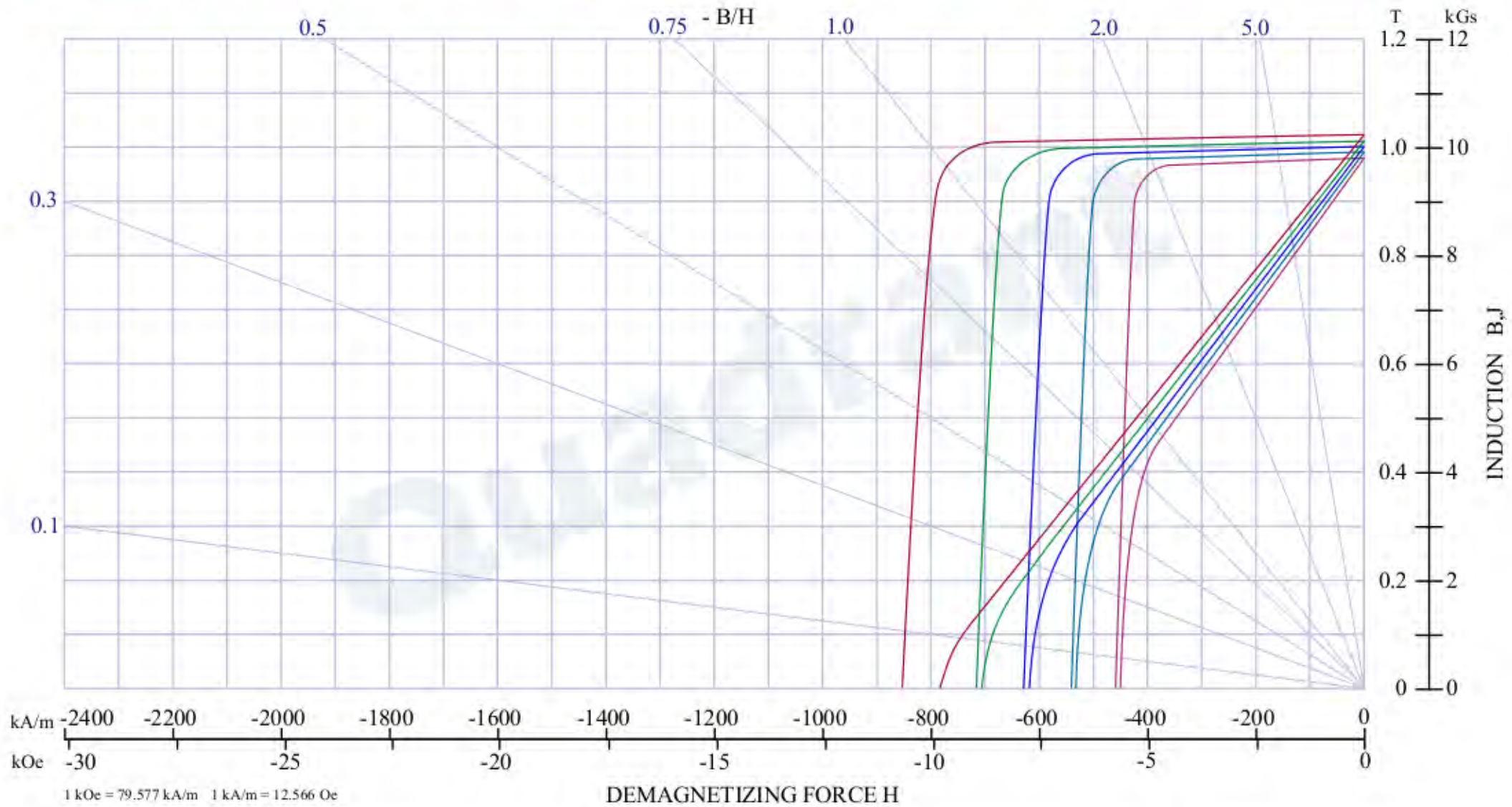


Magnetic Property Specifications :	B_r (Residual flux density) :	H_{cb} (Normal coercive force) :	H_{cj} (Intrinsic coercive force) :	$(BH)_{max}$ (Maximum energy product) :
	10.2-10.4 kGs 1.02-1.04 T	8.7-9.5 kOe 692-756 kA/m	>30.0 kOe >2,387 kA/m	24±2 MGOe 192±16 kJ/m ³

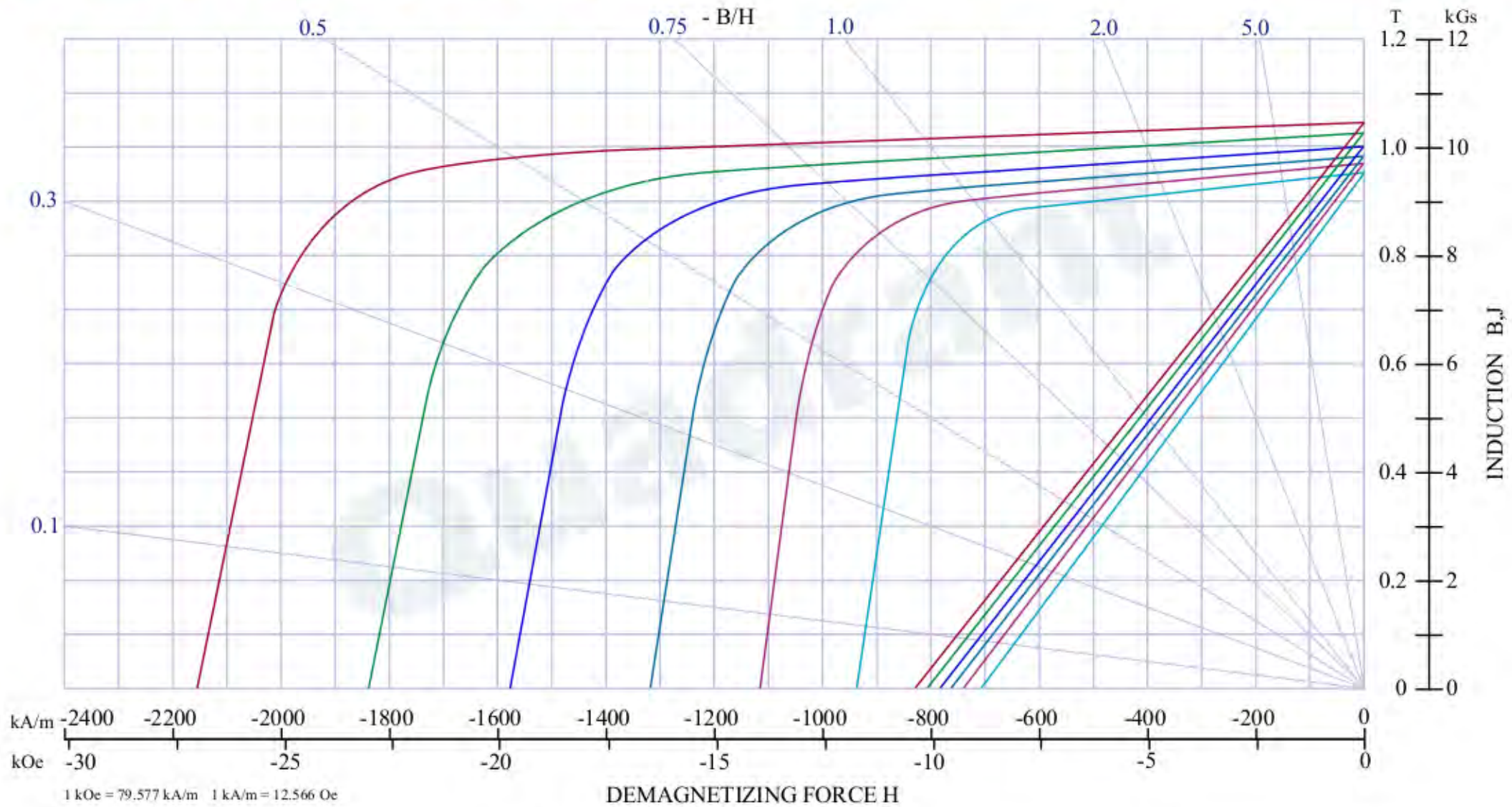
QUADRANT



SmCo 24B



Magnetic Property Specifications :	Br (Residual flux density): 10.2-10.4 kGs 1.02-1.04 T	Hcb (Normal coercive force): 8.00-9.50 kOe 637-756 kA/m	Hcj (Intrinsic coercive force): >10.0 kOe >796 kA/m	(BH)max (Maximum energy product): 24±2 MGOe 192±16 kJ/m³
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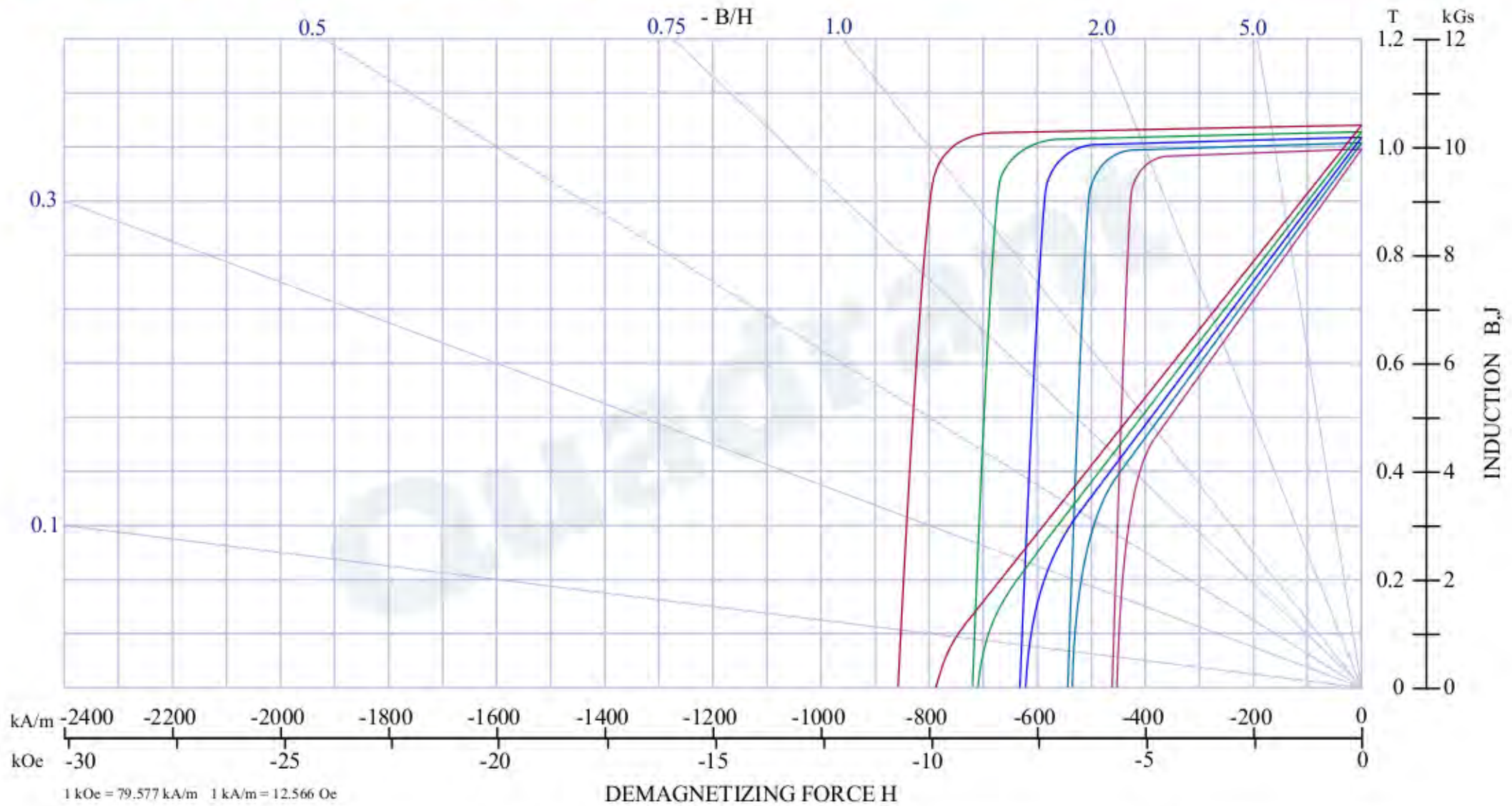


Magnetic Property Specifications :	Br (Residual flux density) :	Hcb (Normal coercive force) :	Hcj (Intrinsic coercive force) :	(BH)max (Maximum energy product) :
	10.4-10.6 kGs 1.04-1.06 T	9.5-10.5 kOe 756-836 kA/m	>26 kOe >2,069 kA/m	26±2 MGOe 207±16 kJ/m ³

QUADRANT



SmCo 26B



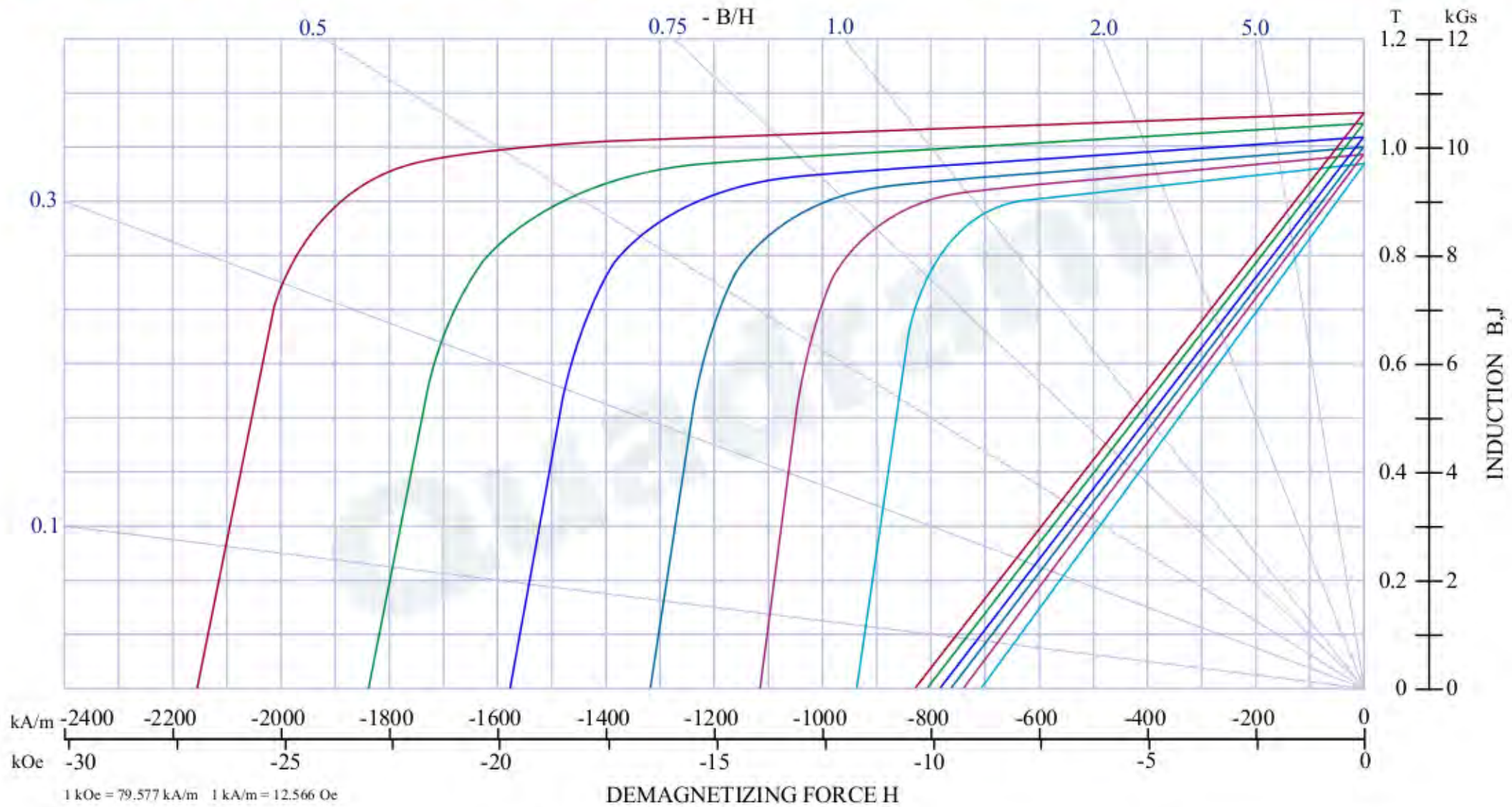
Magnetic Property Specifications :

Br (Residual flux density):
10.4-10.6 kGs 1.04-1.06 T

Hcb (Normal coercive force):
9.00-10.0 kOe 716-796 kA/m

Hcj (Intrinsic coercive force):
>10.0 kOe >796 kA/m

(BH)max (Maximum energy product):
26±2 MGOe 207±16 kJ/m³

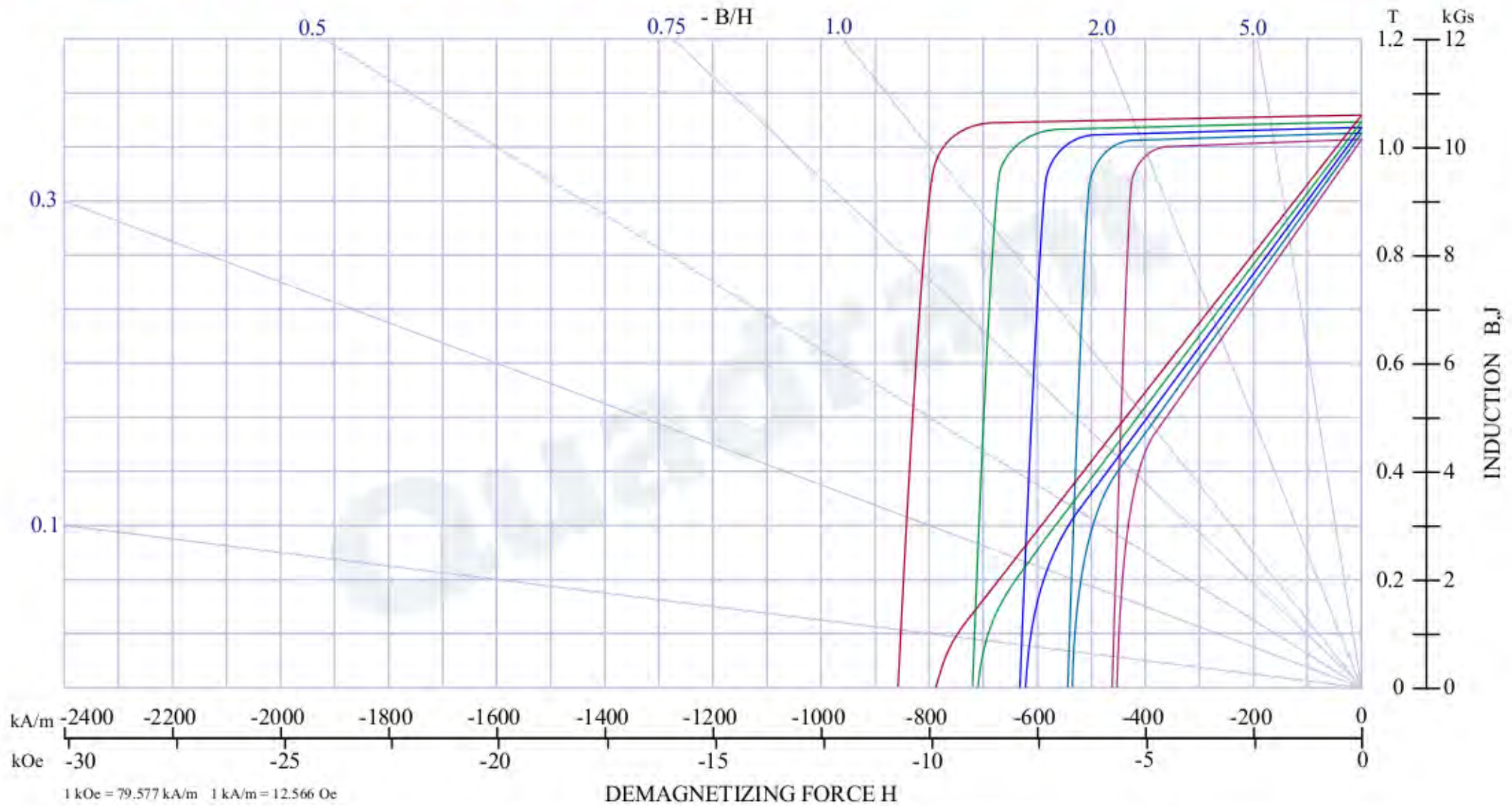


Magnetic Property Specifications :	Br (Residual flux density) :	Hcb (Normal coercive force) :	Hcj (Intrinsic coercive force) :	(BH)max (Maximum energy product) :
	10.6-10.8 kGs 1.06-1.08 T	9.5-10.5 kOe 756-836 kA/m	>25 kOe >1,989 kA/m	28±2 MGOe 223±16 kJ/m ³

QUADRANT



SmCo 28B



Magnetic Property Specifications :

Br (Residual flux density) :
10.6-10.8 kGs 1.06-1.08 T

Hcb (Normal coercive force) :
9.00-10.0 kOe 716-796 kA/m

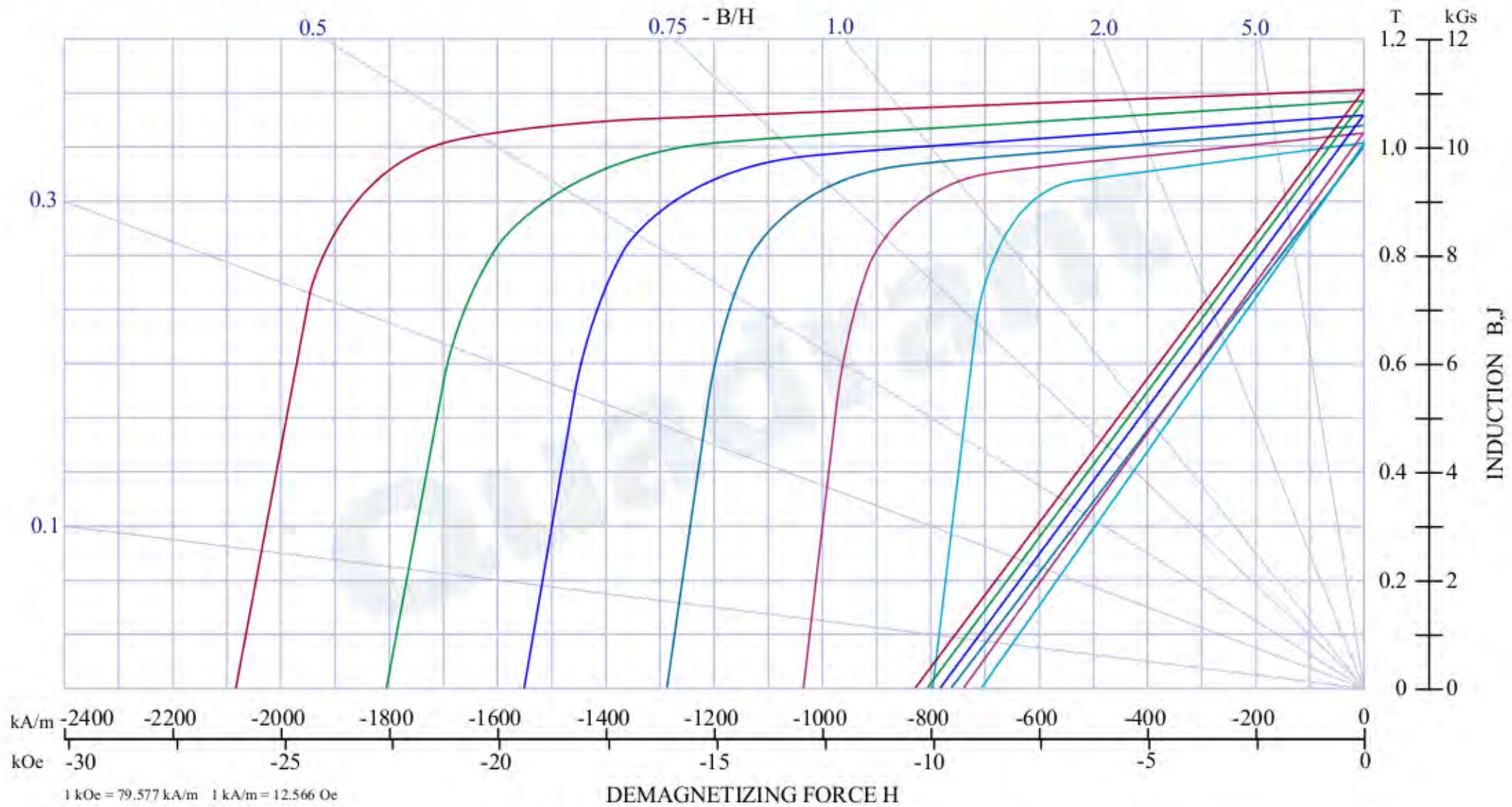
Hcj (Intrinsic coercive force) :
>10.0 kOe >796 kA/m

(BH)max (Maximum energy product) :
28±2 MGOe 223±16 kJ/m³

QUADRANT



SmCo 30A

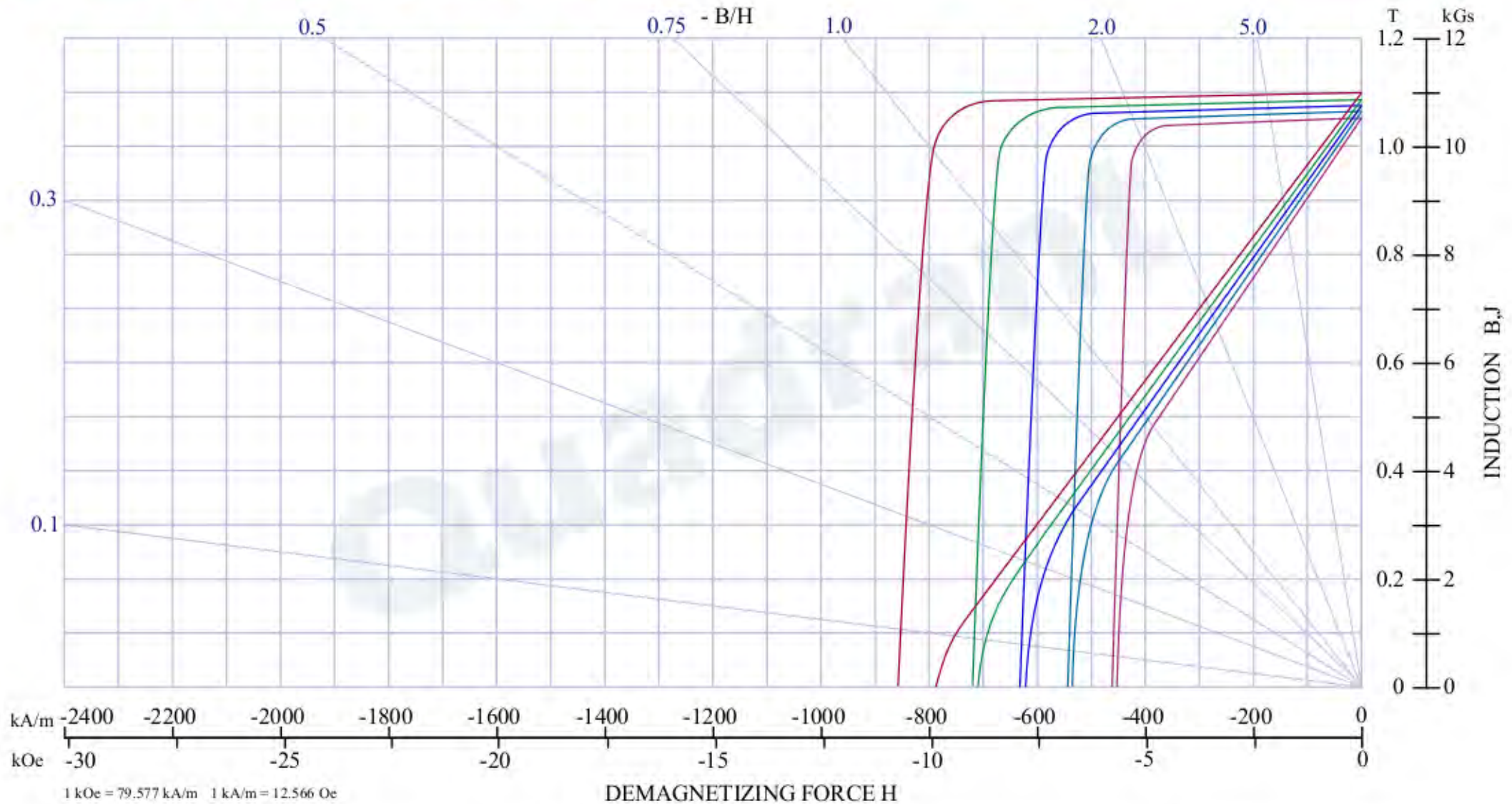


Magnetic Property Specifications :	B_r (Residual flux density) :	H_{cb} (Normal coercive force) :	H_{cj} (Intrinsic coercive force) :	$(BH)_{max}$ (Maximum energy product) :
	10.8-11.5 kGs 1.08-1.15 T	9.5-10.5 kOe 756-836 kA/m	>25 kOe >1,989 kA/m	30±2 MGOe 239±16 kJ/m ³

QUADRANT



SmCo 30B



Magnetic Property Specifications :

Br (Residual flux density) :
10.8-11.5 kGs 1.08-1.15 T

Hcb (Normal coercive force) :
9.00-10.0 kOe 716-796 kA/m

Hcj (Intrinsic coercive force) :
>10.0 kOe >796 kA/m

(BH)max (Maximum energy product) :
30±2 MGOe 239±16 kJ/m³