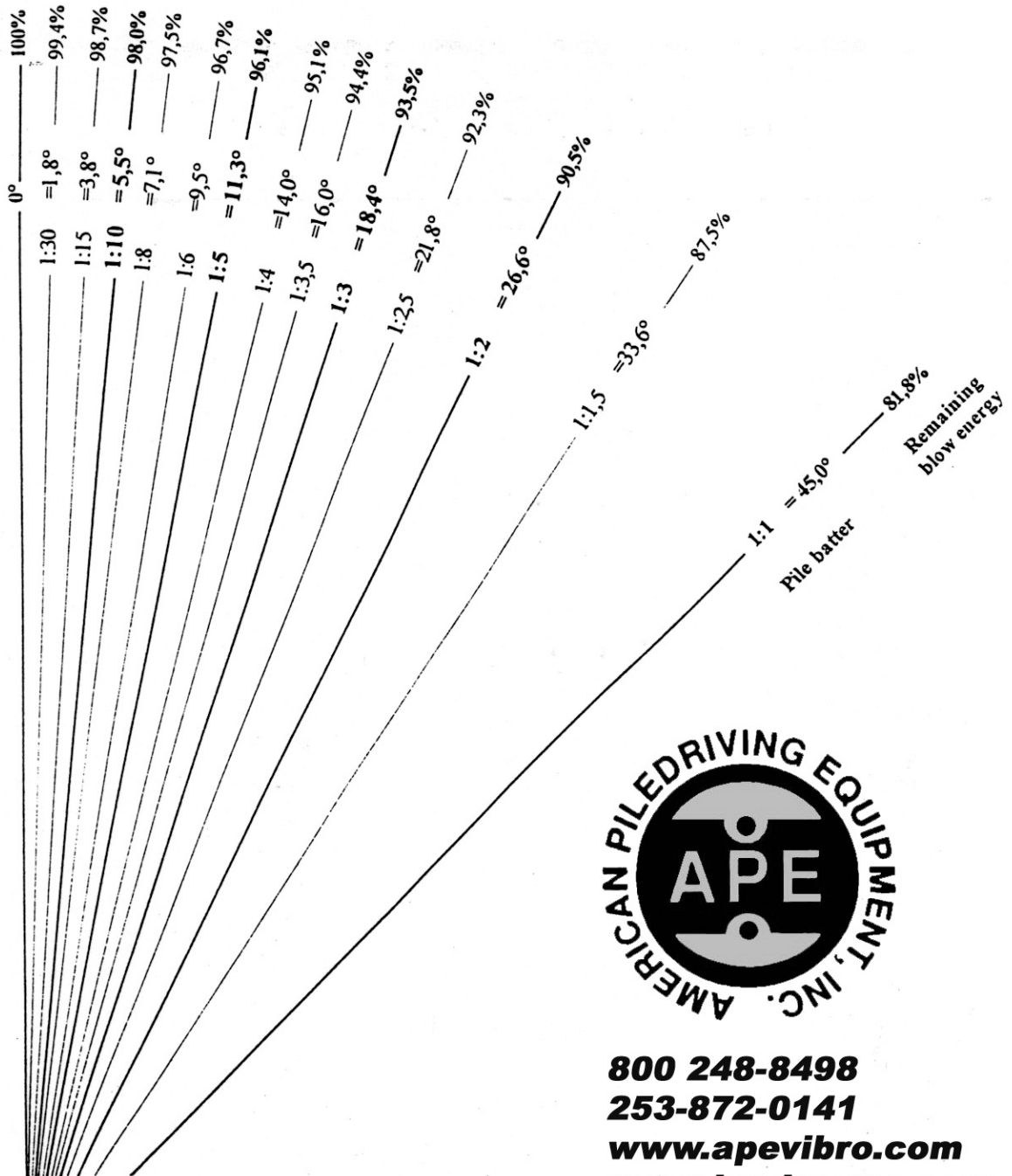


BLOW ENERGY FOR DRIVING OF BATTER PILES using APE Diesels

Blow energy for the driving of batter piles

The increased friction of the piston and of the impact block causes a decrease in the blow energy when driving batter piles. The wear on the cylinder and guiding components, for example, is also increased. The remaining blow energy can be calculated with the formula shown below:

$$\text{Remaining blowenergy (in \% of the max. blowenergy)} = \frac{\cos \alpha - 0,1 \sin \alpha}{\cos \alpha + 0,1 \sin \alpha} \times 100$$



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