

Pump performance charts all models on page 2-7.

Recommended tube sizes

Oil: To dispense Oil, pressure between 0,5 up to 5 MPa is required, depending of viscosity. Light Oils less pressure (Hydraulic Oils), heavy Oils higher pressure (Gear Oils).

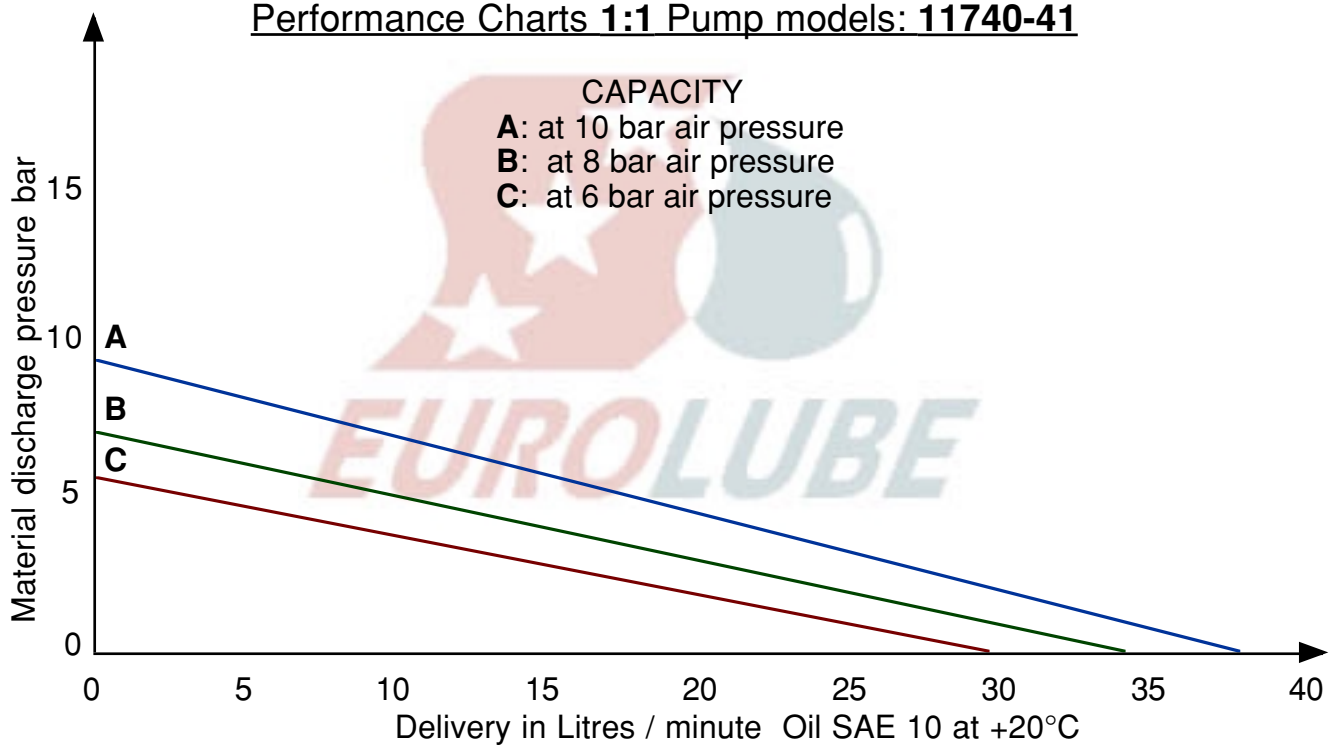
Tube sizes in the below chart is based on a capacity of approx 10 L / min, for Engine Oil SAE 10-40, via 10m 1/2" Hose reel with Hose end Meter.

Grease: To dispense Grease, high pressure is always required, 30-50 MPa. Therefore it is necessary to use extra strong tubes.

Oil	Pipe Length	Dimension
	0 - 50 m	22 x 1,5 mm
	51 - 100 m	28 x 2 mm
	101 - 300 m	35 x 2 mm

Grease	Pipe Length	Dimension
	0 - 20 m	20 x 3 mm
	21 - 35 m	25 x 4 mm
	36 - 60 m	38 x 6 mm
	61 - 100 m	50 x 8 mm

Performance Charts 1:1 Pump models: 11740-41



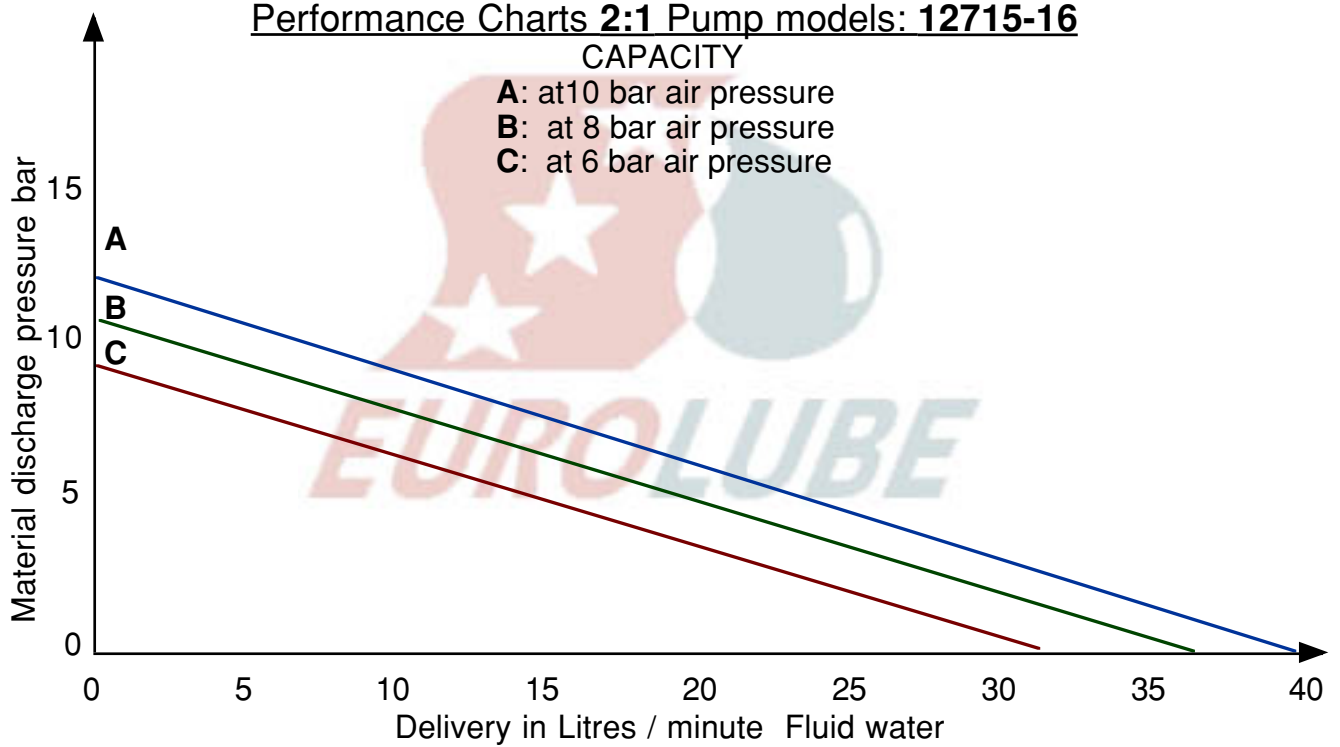
Performance Charts 2:1 Pump models: 12715-16

CAPACITY

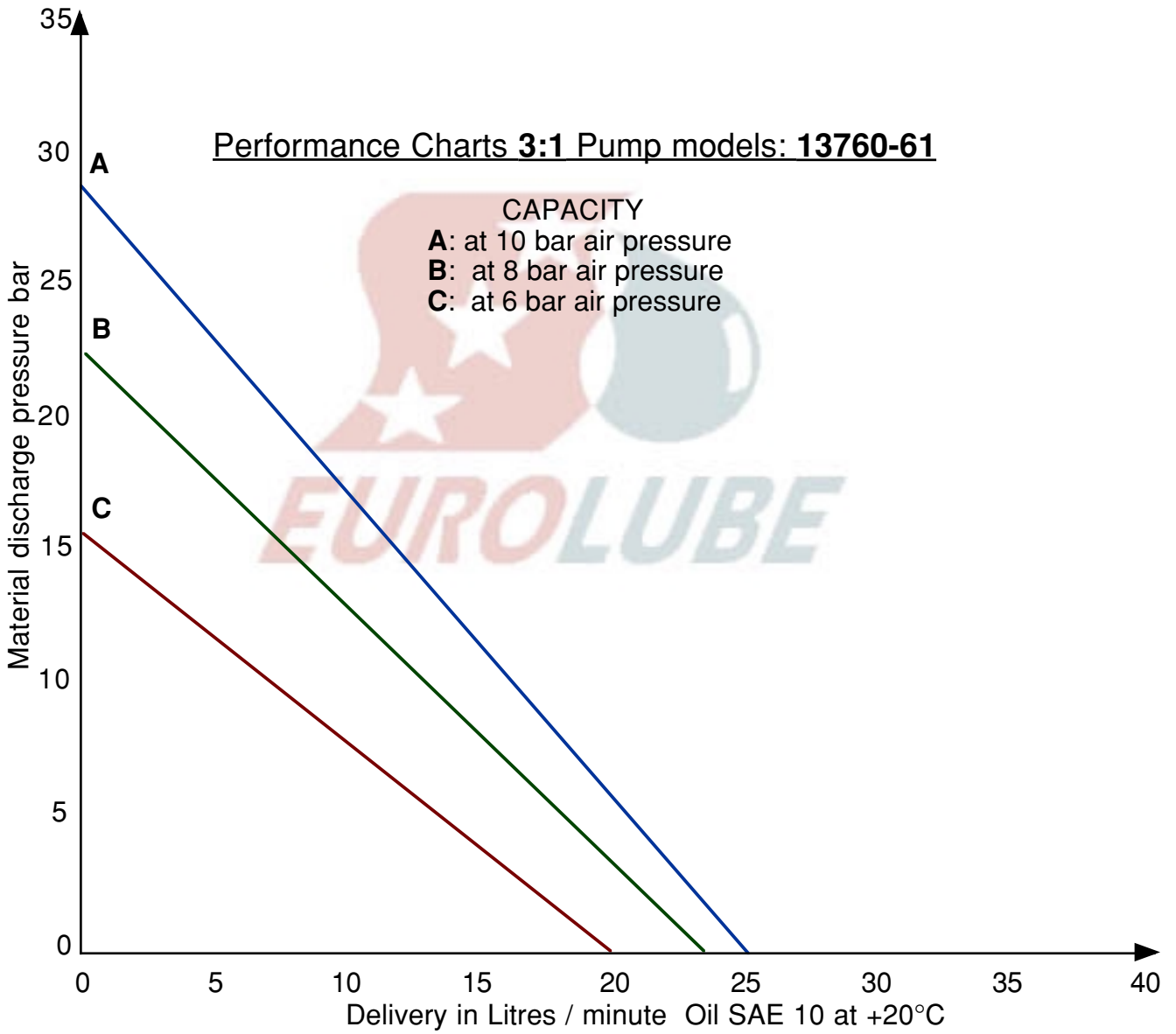
A: at 10 bar air pressure

B: at 8 bar air pressure

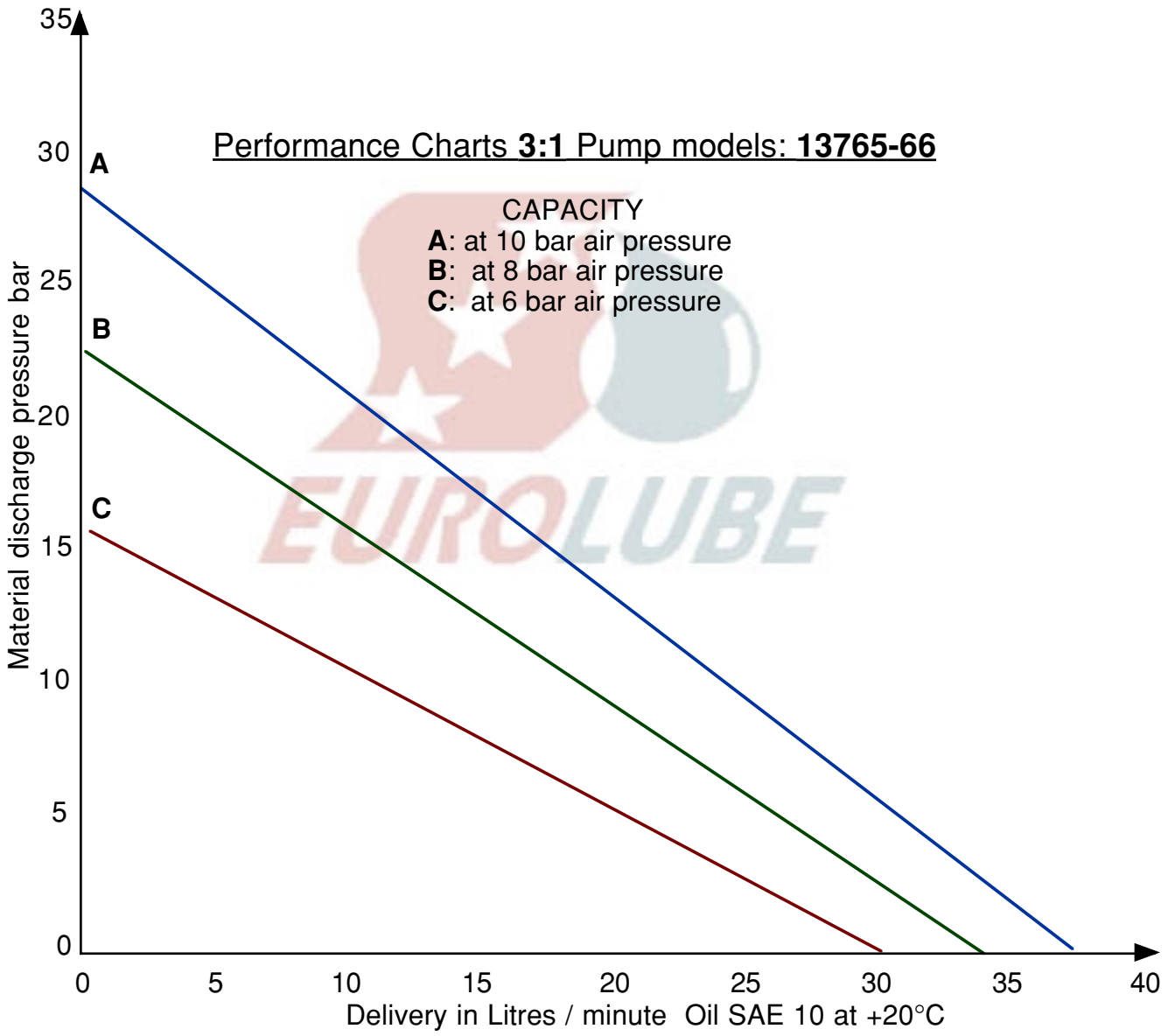
C: at 6 bar air pressure



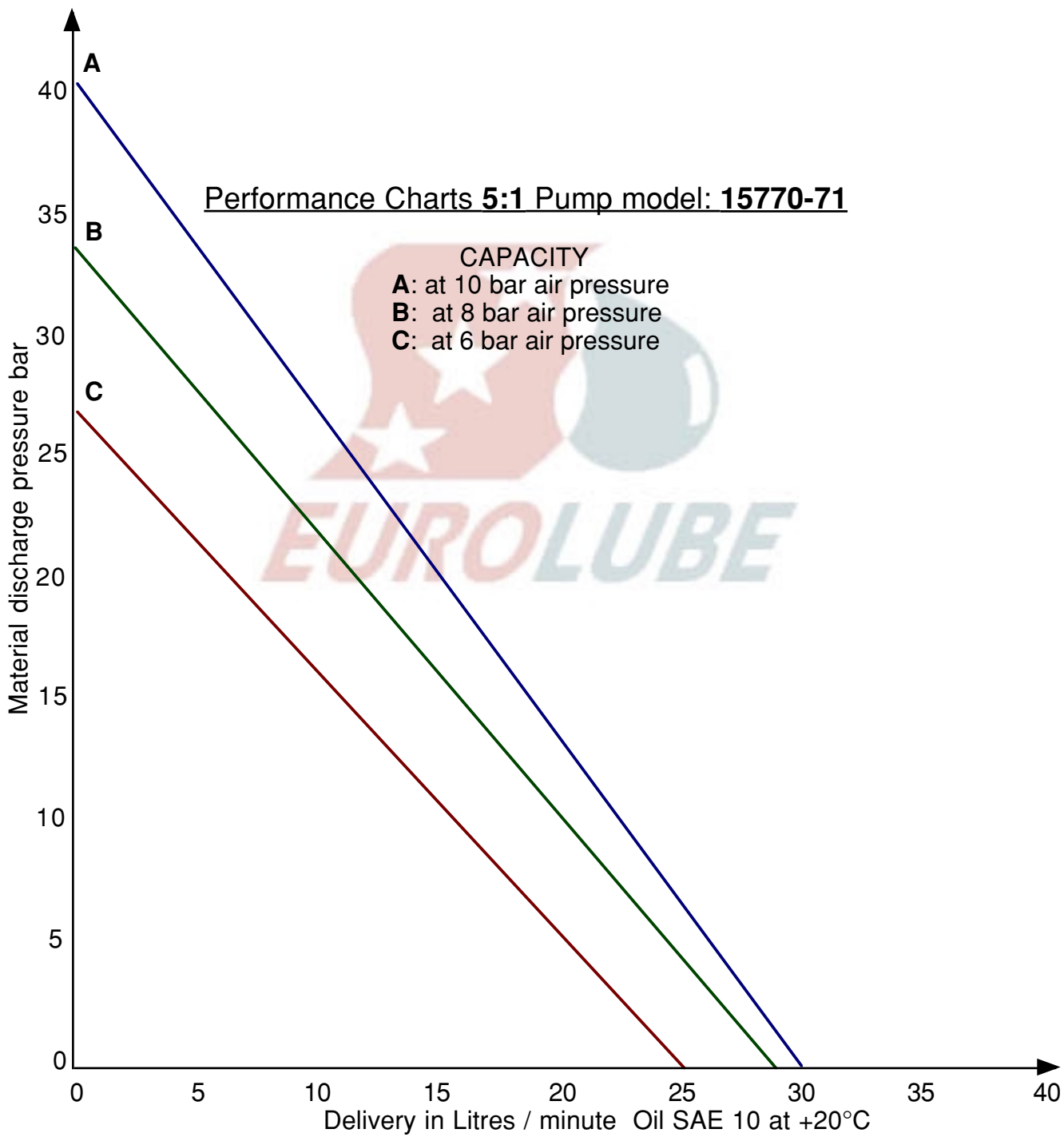
Performance Charts 3:1 Pump models: 13760-61



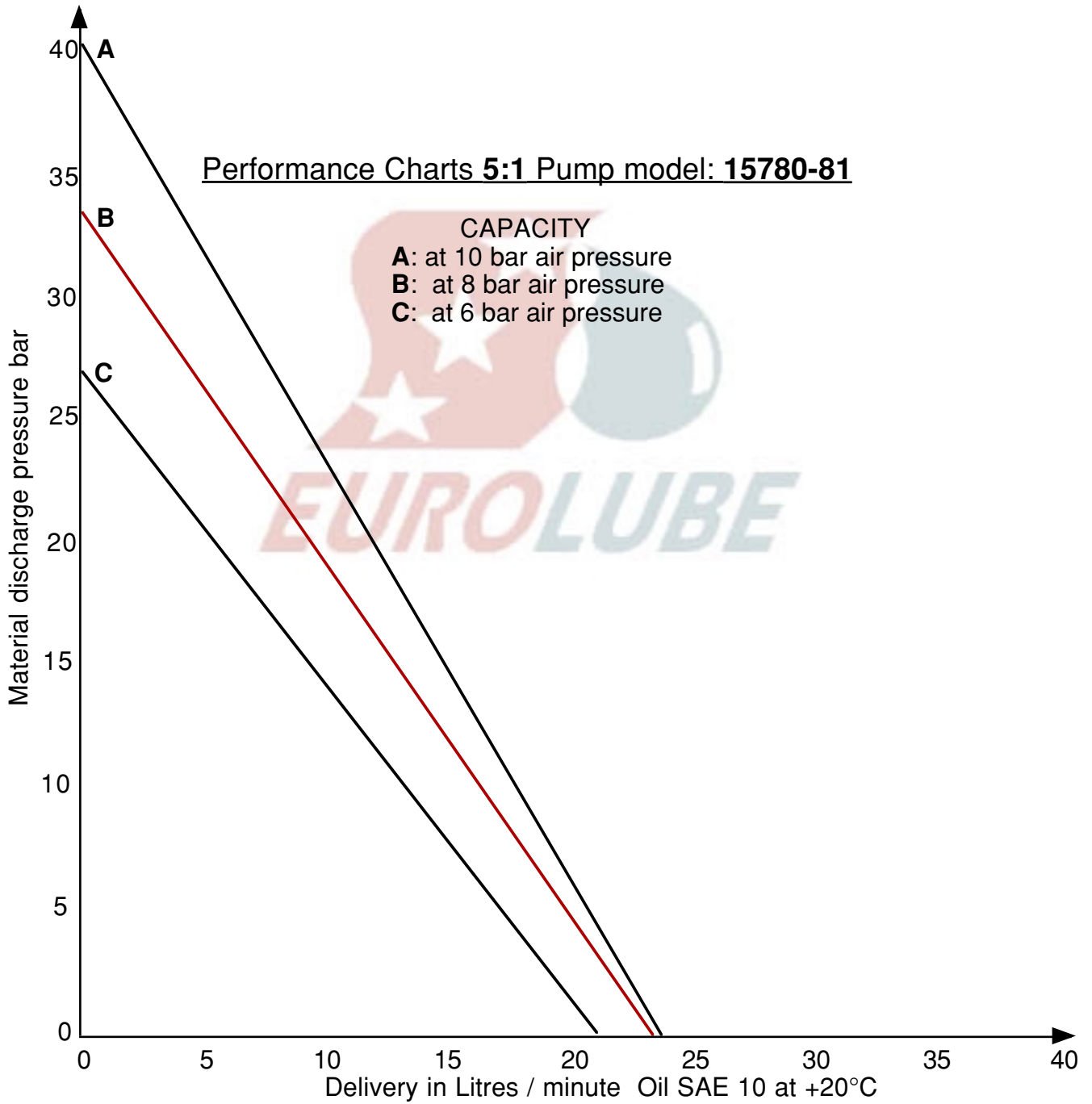
Performance Charts 3:1 Pump models: 13765-66



Performance Charts 5:1 Pump model: 15770-71



Performance Charts 5:1 Pump model: 15780-81



Performance Charts 50:1 Pump model: 25780-83

