

# Frequently Used Conversions

## PRESSURE

MULTIPLY THIS	X	BY THIS	=	TO OBTAIN THIS
bar		14.50		psi
psi		0.069		bar
bar		10 <sup>5</sup>		N/m <sup>2</sup> (Pascal)
psi		27.7		in of H <sub>2</sub> O
in of H <sub>2</sub> O		0.0361		psi
psi		2.31		ft of H <sub>2</sub> O
psi		2.036		in of Hg
psi		6.8948		kPa (kilo Pascal)
kPa		0.1450		psi
psi		0.070307		kg/cm <sup>2</sup>
kg/cm <sup>2</sup>		14.224		psi
ft-lb (Torque)		1.356		N-M (Newton meter)

## FLOW RATE

MULTIPLY THIS	X	BY THIS	=	TO OBTAIN THIS
BBL/day		0.029		USGPM
BBL/hr		0.7		USGPM
m <sup>3</sup> /hr		4.4		USGPM
metric ton/hr		4.4		USGPM
gpm		3.785		l/min
l/min		0.2642		USGPM

## VOLUME

MULTIPLY THIS	X	BY THIS	=	TO OBTAIN THIS
US gallon		0.8327		British gallons
British gallon		1.2009		US gallons
US gallon		3.785		liters
US gallon		231		in <sup>3</sup>
US gallon		0.1337		ft <sup>3</sup>
US gallon		0.00379		m <sup>3</sup>
BBL (barrel)		42		US gallons
m <sup>3</sup>		264.73		US gallons
m <sup>3</sup>		6.3031		BBL (barrel)
gram/l		1000		ppm

## LINEAR MEASUREMENT

MULTIPLY THIS	X	BY THIS	=	TO OBTAIN THIS
in		2.54		cm
in		25.4		mm
mm		0.03937		in
m		3.2808		ft
micron		0.00003937		in
micron		0.001		mm
mm		1000		microns
in		25,400		microns

## MASS

MULTIPLY THIS	X	BY THIS	=	TO OBTAIN THIS
kg		2.2046		lb
lb		0.45359		kg

