

Nomenclature Units



Base de Datos Institucional

Volume (liquids)

Unit	Description
b	barrels
bd	barrels per day
Mb	thousand barrels
Mbd	thousand barrels per day
MMb	million barrels
MMbd	million barrels per day
m3	cubic meters
m3d	cubic meters per day
Mm3	thousand cubic meters
Mm3d	thousand cubic meters per day
MMm3	million cubic meters
l	liters
gal	gallons

Volume (gaseous)

Unit	Description
m3G	cubic meters
m3Gd	cubic meters per day
Mm3G	thousand cubic meters
Mm3Gd	thousand cubic meters per day
MMm3G	million cubic meters
MMm3Gd	million cubic meters per day
pc	cubic feet
pcd	cubic feet per day
Mpc	thousand cubic feet
Mpcd	thousand cubic feet per day
MMpc	million cubic feet

MMpcd	million cubic feet per day
MMMpc	thousand million cubic feet

Weight

Unit	Description
t	tonnes
td	tonnes per day
Mt	thousand tonnes
Mtd	thousand tonnes per day
tl	long tons
tc	short tons
kg	kilograms
lb	pounds

Currency

Unit	Description
\$	pesos
M\$	thousand pesos
MM\$	million pesos
MMM\$	thousand million pesos
US\$	dollars
MUS\$	thousand dollar
MMUS\$	million dollars
USc\$	dollar cents

Energy

Unit	Description
cal	calories
kcal	kilocalories

Mcal	megacalories
Gcal	gigacalories
Tcal	teracalories
Pcal	petacalories
J	Joules
TJ	terajoules
Wh	watts-hour
kWh	kilowatts-hour
MWh	megawatts- hour
GWh	gigawatts- hour
Btu	British thermal unit
MBtu	thousand Btu
MMBtu	million Btu
bcoe	fuel oil equivalent barrels
bcoed	fuel oil equivalent barrels per day
Mbcoe	thousand fuel oil equivalent barrels
Mbcoed	thousand fuel oil equivalent barrels per day
bpce	crude oil equivalent barrels
bpced	crude oil equivalent barrels per day
Mbpce	thousand crude oil equivalent barrels
Mbpced	thousand crude oil equivalent barrels per day
MMbpce	million crude oil equivalent barrels
MMbpced	million crude oil equivalent barrels per day

Composite Units

Unit	Description
\$/b	pesos per barrel
\$/l	pesos per liter
\$/m³	pesos per cubic meter
\$/Mm³	pesos per thousand cubic meter
US\$/b	dollars per barrel
US\$/gal	dollars per gallon
US\$/l	dollars per liter
US\$/m³	dollars per cubic meter
USc\$/b	dollar cents per barrel
USc\$/gal	dollar cents per gallon

USc\$/l	dollar cents per liter
USc\$/m ³	dollar cents per cubic meter
\$/m ³ G	pesos per cubic meter
\$/Mm ³ G	pesos per thousand cubic meter
\$/pc	pesos per cubic feet
\$/Mpc	pesos per thousand cubic feet
\$/MMpc	pesos per million cubic feet
US\$/pc	dollars per cubic feet
US\$/Mpc	dollars per thousand cubic feet
US\$/MMpc	dollars per million cubic feet
USc\$/Mpc	dollar cents per thousand cubic feet
USc\$/MMpc	dollar cents per million cubic feet
\$/kg	pesos per kilogram
\$/t	pesos per tonne
US\$/kg	dollars per kilogram
US\$/lb	dollars per pound
US\$/t	dollars per tonne
US\$/tc	dollars per short ton
US\$/tl	dollars per long ton
USc\$/lb	dollar cents per pound
\$/Mcal	pesos per megacalorie
\$/Gcal	pesos per gigacalorie
US\$/Gcal	dollars per gigacalorie
\$/MMBtu	pesos per million Btu
US\$/Btu	dollars per Btu
US\$/MMBtu	dollars per million Btu
\$/Wh	pesos per watt-hour
\$/kWh	pesos per kilowatt-hour
\$/MWh	pesos per megawatt-hour
lb/in ²	pounds per square inch
kg/cm ²	kilograms per square centimeter
Btu/pc	Btu per cubic feet
kcal/m ³	kilocalories per cubic meter
kcal/m ³ G	kilocalories per cubic meter
Pas	pascal- seconds

Note: G refers to gaseous state

Metric prefixes*

Unit	Description	Factor
P	Peta	10^{15}
T	Tera	10^{12}
G	Giga	10^9
M	Mega	10^6
k	Kilo	10^3
c	Centi	10^{-2}

* Not apply to Btu.

Custom prefixes

Unit	Description	Factor
M	thousand	10^3
MM	million	10^6
MMM	thousand million	10^9

Note: Even though the General Units Measurements System uses the “M”, as in the Metric prefixes table is shown, as a multiple equal to 10^6 , nevertheless in the mexican oil industry is usual to take the “M”, as is shown in the Custom prefixes table, as a multiple whose value is 10^3 .

It is agreed that both simbologies are valid, upon their respective contexts.

Others Units

Unit	Description
API	API gravity
in	inches
inH2O	water inches
SSU	saybolt universal seconds
cSt	centistokes
hp	horsepower
Pa	Pascals
s	Seconds
Watt	watts

The use of subscript and superscript is not allowed by the Institutional Database, so these Units have a special nomenclature slightly different.