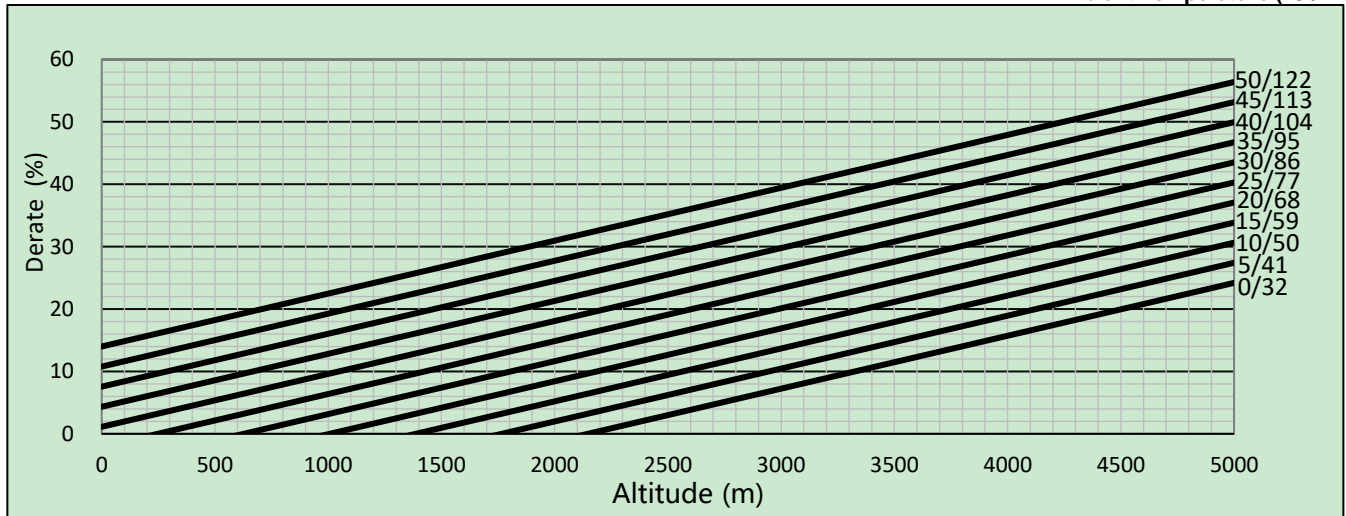


ESP/PRP Power Derate Curves ¹

Ambient Temperature (°C / °F)


Gross Power Output (%) ²

Temp(°C)		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	81.1	82.8	84.4	86.0	87.7	89.2	90.8	92.3	93.9	95.5	97.0	100.0	99.9	98.2	97.1	96.1	94.7
	500	76.1	77.9	79.6	81.3	83.0	84.6	86.2	87.8	89.5	91.1	92.7	97.8	95.8	92.8	88.8	84.9	81.0
	1000	80.3	82.3	84.0	85.7	87.5	89.2	91.0	92.6	94.3	96.0	97.7	95.0	91.0	87.0	83.2	79.5	75.9
	1500	84.9	86.9	88.8	90.6	92.3	94.2	95.9	97.7	99.3	97.2	93.0	89.0	85.1	81.4	77.8	74.3	70.9
	2000	89.8	91.9	93.8	95.7	97.7	99.4	99.2	99.0	95.0	91.0	87.0	83.1	79.5	76.0	72.5	69.2	66.1
	2500	95.4	97.5	99.5	99.3	99.0	98.8	97.0	92.9	88.9	84.9	81.1	77.5	74.1	70.7	67.6	64.5	61.7
	3000	98.5	97.4	96.3	95.6	94.4	93.7	90.3	86.4	82.6	78.9	75.3	71.9	68.8	65.7	62.9	60.2	57.7
	3500	92.6	91.4	90.3	89.2	88.5	87.6	84.3	80.6	77.0	73.5	70.1	67.0	64.2	61.5	58.8	56.3	53.9
	4000	86.2	85.0	83.9	82.8	82.1	81.7	78.2	74.6	71.2	68.1	65.1	62.3	59.7	57.1	54.7	52.4	50.2
	4500	80.2	79.5	78.3	77.7	76.6	75.7	72.3	69.1	66.1	63.2	60.5	58.0	55.6	53.2	51.0	48.8	46.8
	5000	74.3	73.6	72.9	72.2	71.5	70.0	67.0	64.2	61.4	58.7	56.3	53.8	51.6	49.5	47.4	45.5	43.6
	5500	69.2	68.5	67.8	67.1	66.5	64.8	62.1	59.4	56.9	54.4	52.1	49.9	47.9	45.9	44.1	42.3	40.5

¹ The power derate of PRP and ESP is simulated based on the engine cooling circuits performance ;

² To calculate the available engine's power output at the specified ambient conditions, please consult the table values and contact Baudouin Application Engineering.