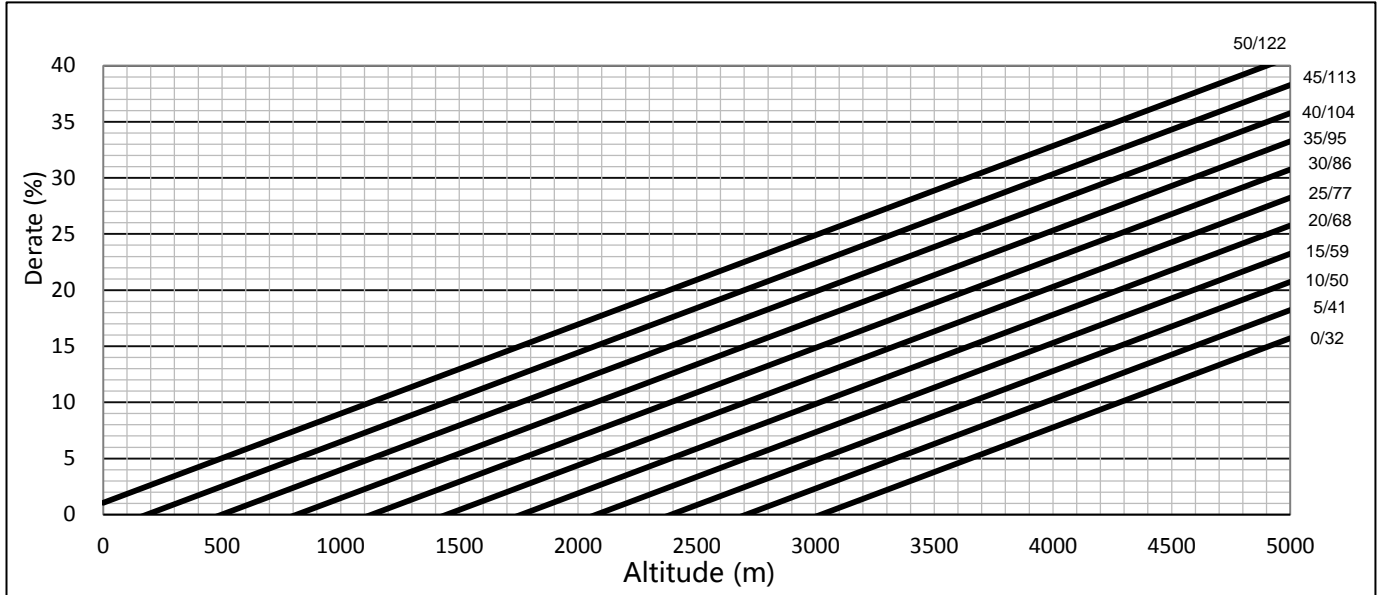


**ESP/PRP Power Derate Curves <sup>1</sup> Ambient Temperature (°C / °F)**

**Gross Power Output (%) <sup>2</sup>**

Temp(°C )		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	93.2	95.7	98.2	100.5	102.8	106.4	110.1	109.8	109.5	109.1	108.8	108.5	108.1	107.8	107.4	106.9	106.4
	500	95.7	98.2	100.6	103.7	106.7	108.4	110.0	109.7	109.4	109.1	108.8	108.5	108.1	107.7	107.2	104.5	101.9
	1000	98.3	100.7	103.2	106.9	110.6	110.3	110.0	109.7	109.4	109.1	108.8	108.5	108.2	107.5	106.9	102.1	97.3
	1500	101.8	104.4	106.9	108.7	110.3	110.0	109.8	109.5	109.1	108.7	108.3	107.8	107.2	103.5	99.9	95.6	91.4
	2000	105.3	108.0	110.7	110.4	110.1	109.8	109.5	109.2	108.9	108.4	107.9	107.0	106.2	99.5	92.8	89.1	85.4
	2500	108.0	109.2	110.3	110.0	109.6	99.3	108.7	108.2	107.6	104.8	101.9	99.7	97.4	92.3	87.1	83.7	80.2
	3000	110.6	110.2	110.0	109.5	109.1	108.5	107.9	107.1	106.3	101.2	96.0	92.3	88.6	85.0	81.5	78.3	75.1
	3500	105.0	104.5	103.9	103.2	102.6	101.9	101.1	100.3	99.5	95.0	90.6	87.2	83.8	80.4	77.1	74.1	71.0
	4000	99.5	98.6	97.8	96.9	96.1	95.2	94.5	93.5	92.6	89.0	85.3	82.2	79.0	75.8	72.7	69.8	66.9
	4500	94.1	93.3	92.5	91.7	90.8	90.1	89.4	88.4	87.3	83.9	80.5	77.5	74.5	71.5	68.5	65.8	63.0
	5000	88.8	88.0	87.3	86.5	85.6	85.0	84.3	83.2	82.0	78.9	75.7	72.8	70.0	67.2	64.4	61.8	59.2
5500	83.7	83.0	82.3	81.5	80.8	80.0	79.3	78.2	77.1	74.1	71.1	68.4	65.6	63.0	60.3	57.8	55.2	

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

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