



**EVERY™
ALTERNATIVE.**

Technical Bulletin- 06.23.2009

Subject: ISL G Altitude Specifications

Cummins Westport full authority electronics include an engine protection feature that limits ISL G engine power and torque above a no-derate altitude specific to each rating. An approximately 3% percent of power/torque loss per 1000 feet starts at the specific No-derate altitude.

Testing indicates that the 320 hp, 1000 lb-ft ISL G rating will operate without derate up to 6500 ft elevation. Specifically, this rating will maintain 320 hp up to 6500 ft, and will maintain 1000 lb-ft peak torque up to 8200 ft. Above these elevations, the peak power and torque will derate by approximately 3% for every 1000 ft of additional elevation (e.g. at 8200 ft, peak power would be approximately 5% lower than the advertised 320 hp, but peak torque would still be 1000 lb-ft).

The no-derate altitudes for the 300 hp, 860 lb-ft rating are 8700 ft (peak power) and 12,000+ ft (peak torque).

The no-derate altitudes for the 280 hp, 900 lb-ft rating are 9900 ft (peak power) and 11,600 ft (peak torque).

The no-derate altitudes for the 250 hp and 260 hp ratings are 12,000+ ft (peak power) and 12,000+ ft (peak torque).

Cummins Westport manufactures and sells the world's widest range of low-emissions alternative fuel engines for commercial transportation applications and has over 20,000 alternative fuel engines in service around the world.

For further information contact a Cummins Westport representative, or visit www.cumminswestport.com

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