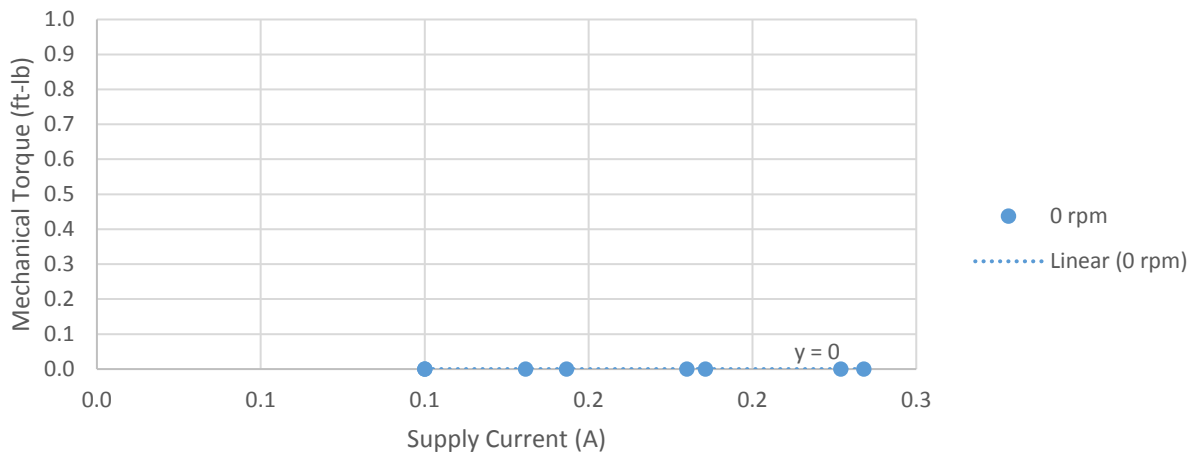
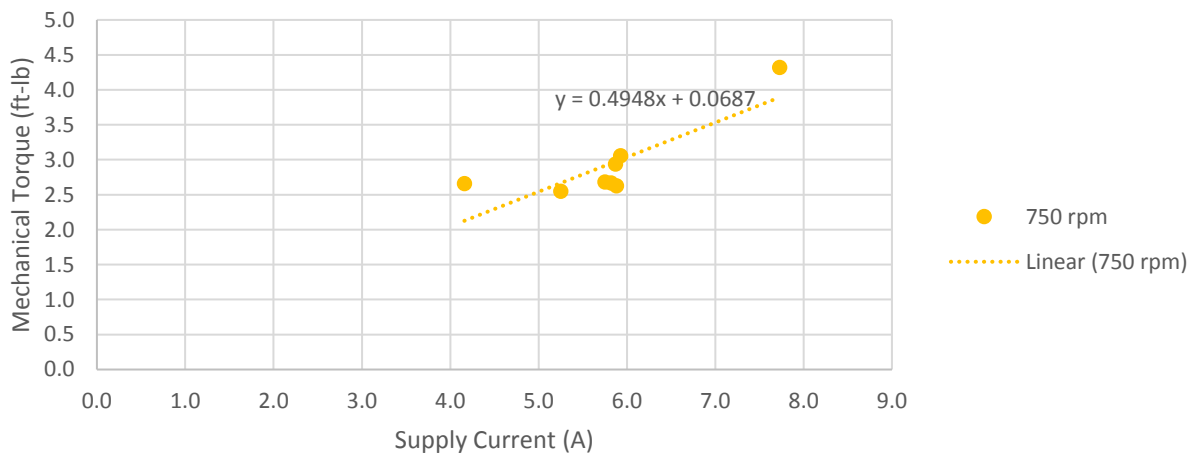


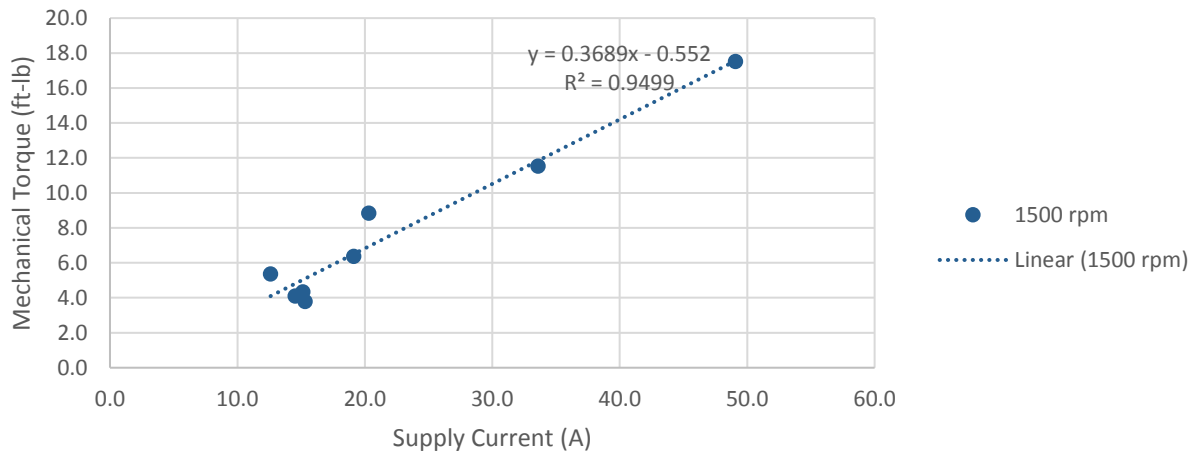
Mechanical Torque vs Supply Current at constant values of Motor Speed



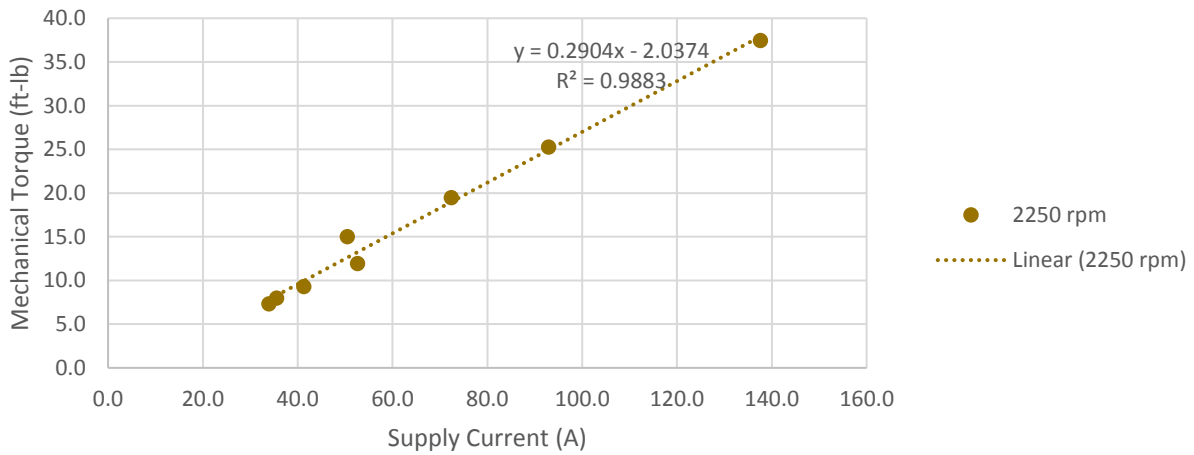
Mechanical Torque vs Supply Current at constant values of Motor Speed



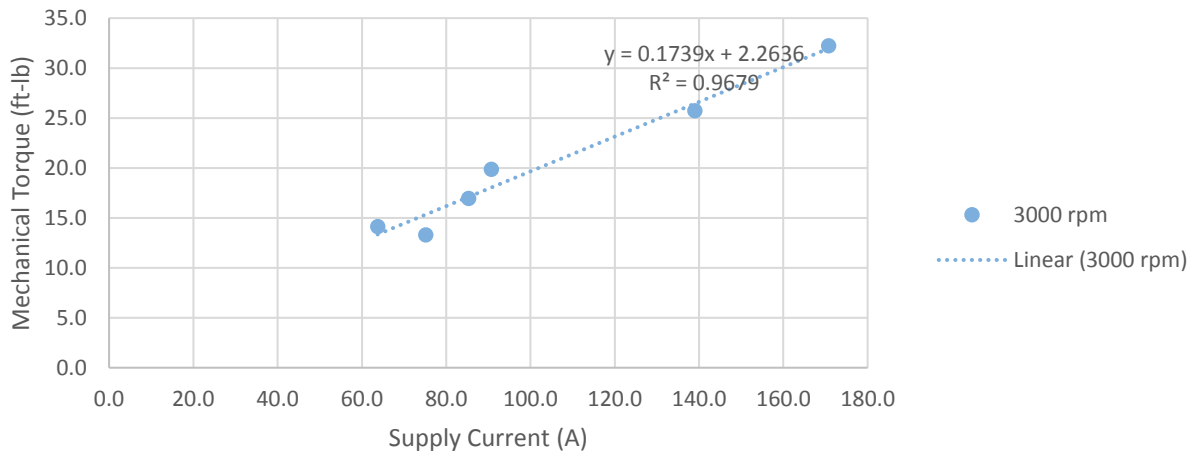
Mechanical Torque vs Supply Current at constant values of Motor Speed



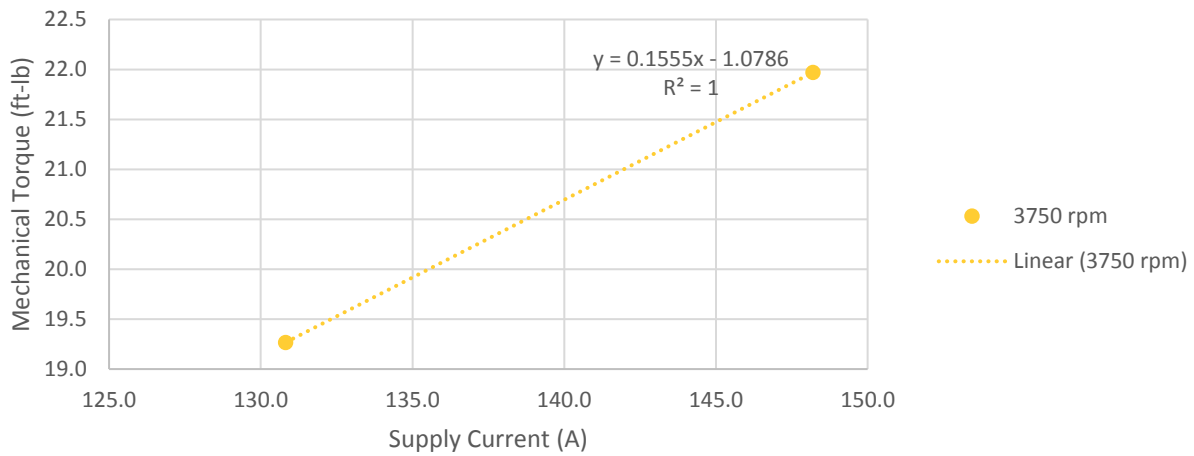
Mechanical Torque vs Supply Current at constant values of Motor Speed



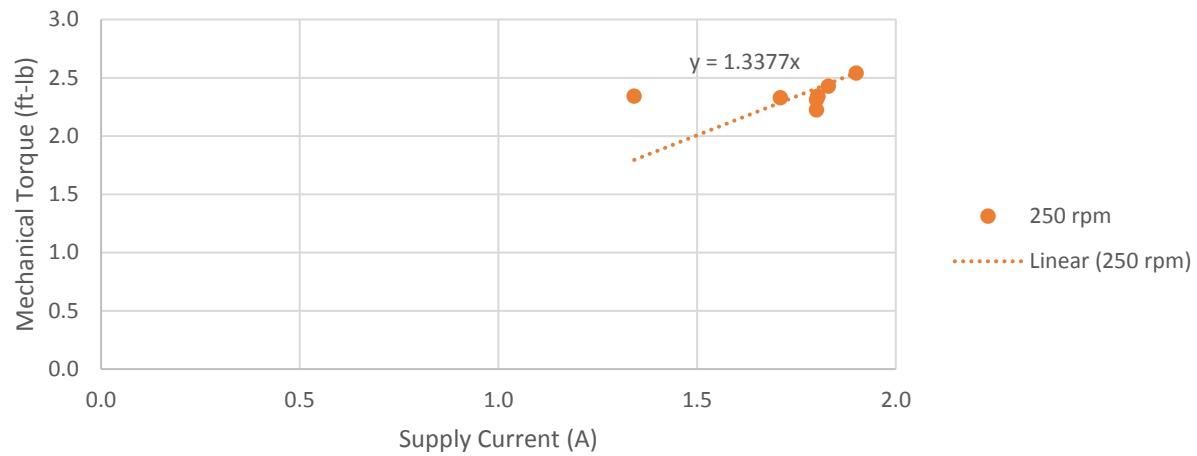
Mechanical Torque vs Supply Current at constant values of Motor Speed



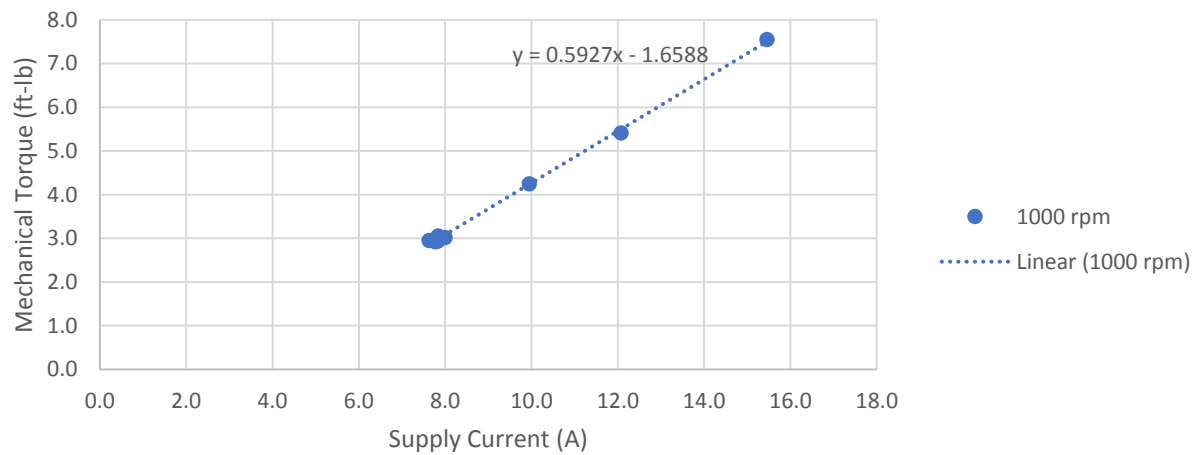
Mechanical Torque vs Supply Current at constant values of Motor Speed



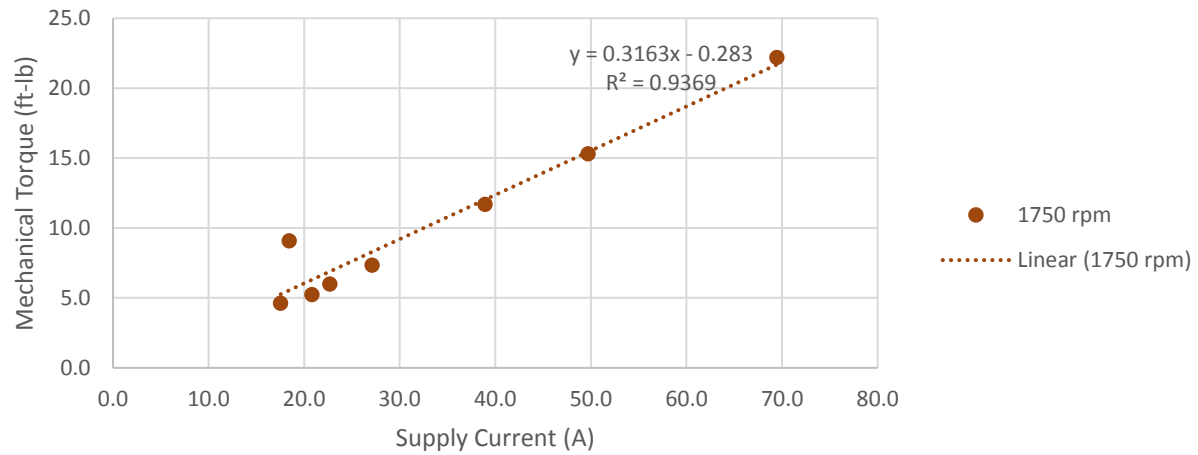
Mechanical Torque vs Supply Current at constant values of Motor Speed



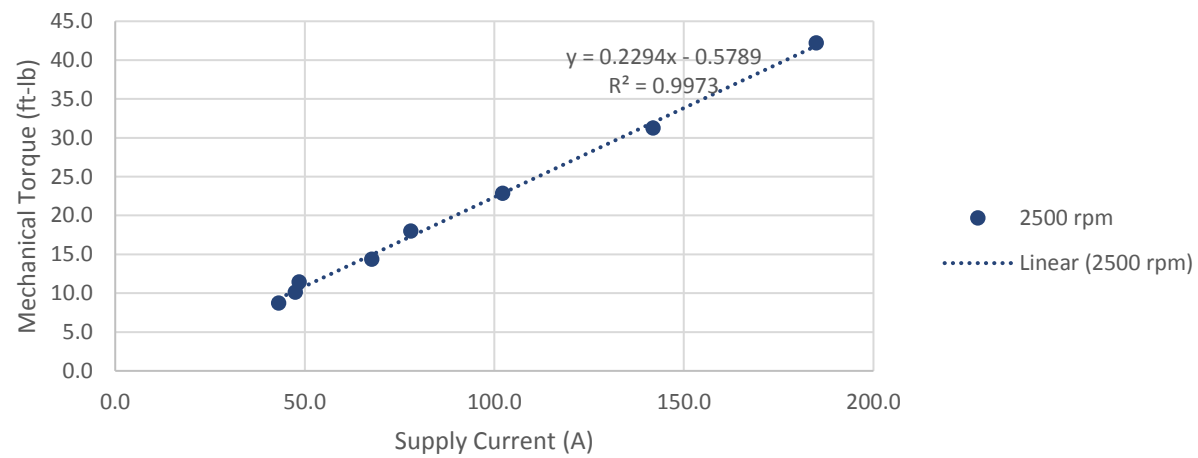
Mechanical Torque vs Supply Current at constant values of Motor Speed



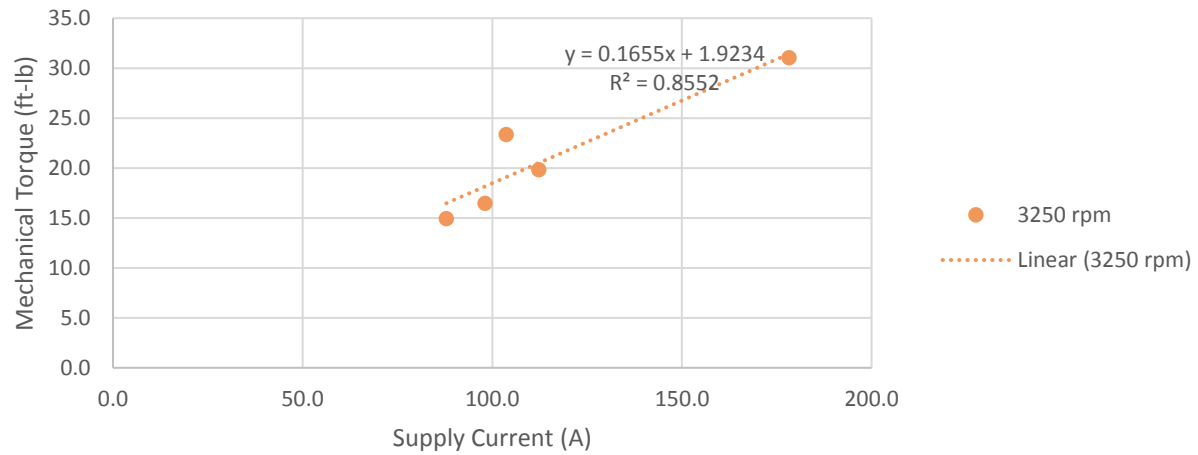
Mechanical Torque vs Supply Current at constant values of Motor Speed



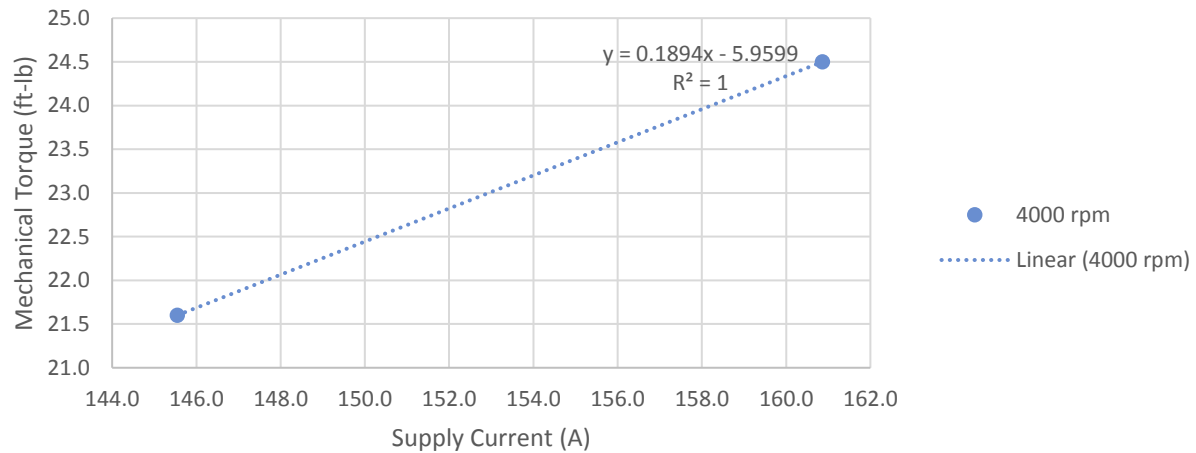
Mechanical Torque vs Supply Current at constant values of Motor Speed



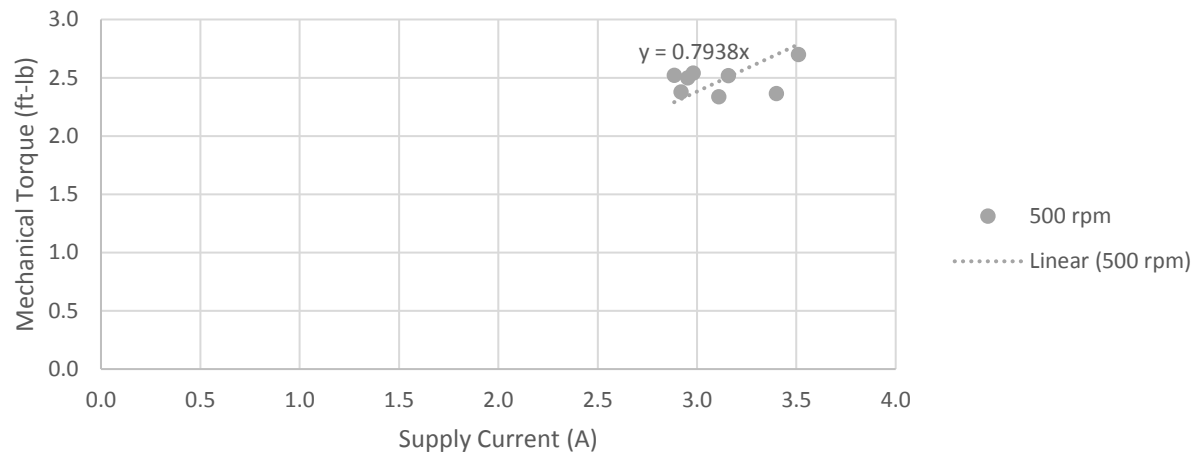
Mechanical Torque vs Supply Current at constant values of Motor Speed



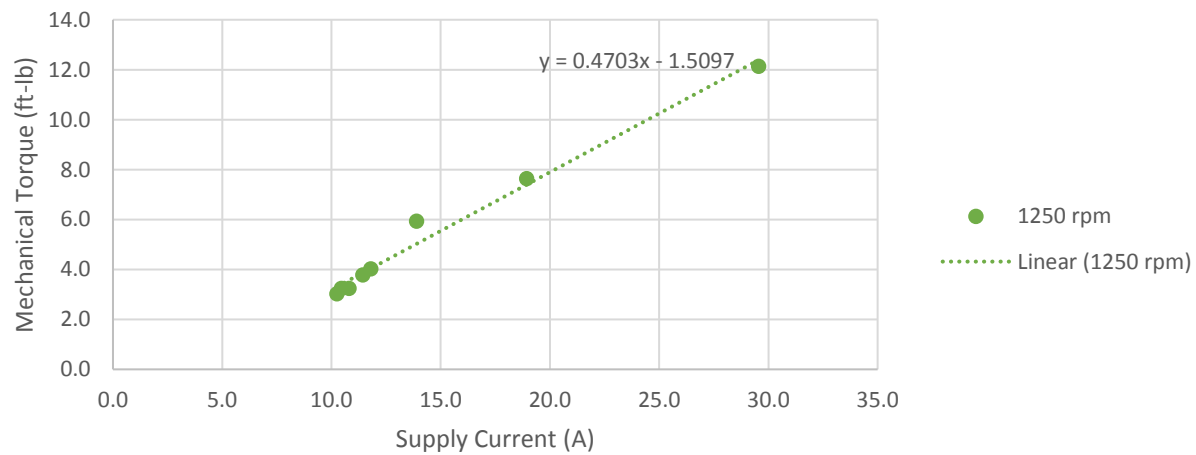
Mechanical Torque vs Supply Current at constant values of Motor Speed



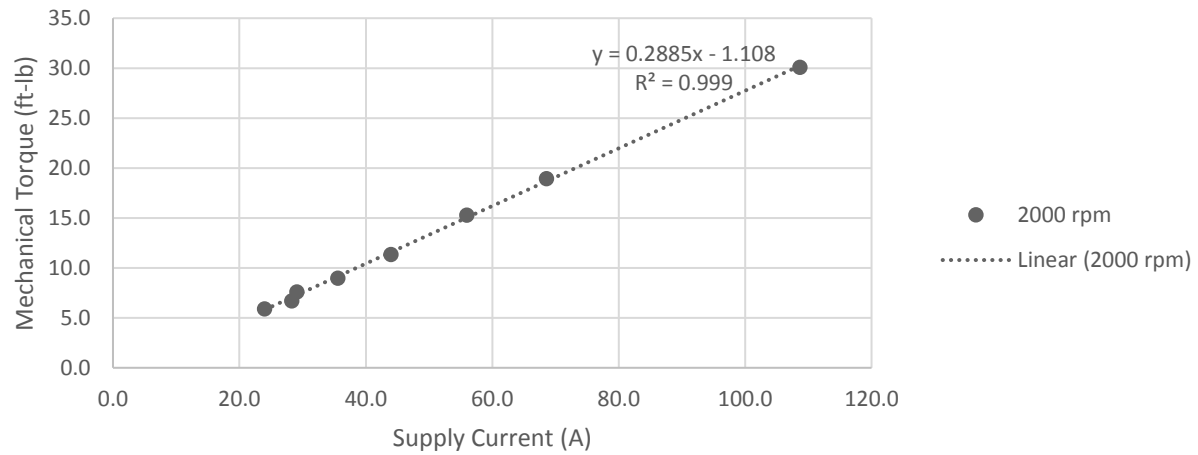
Mechanical Torque vs Supply Current at constant values of Motor Speed



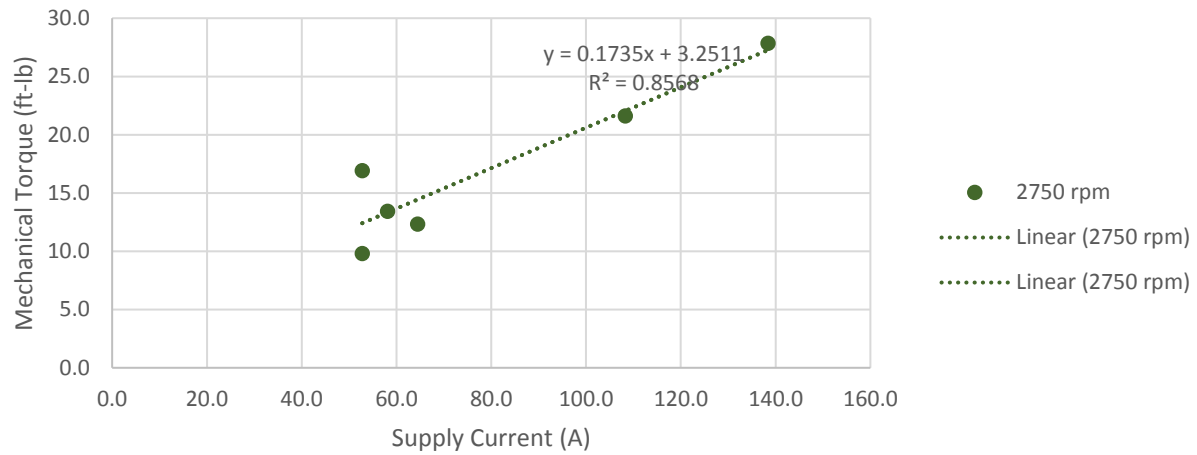
Mechanical Torque vs Supply Current at constant values of Motor Speed



Mechanical Torque vs Supply Current at constant values of Motor Speed

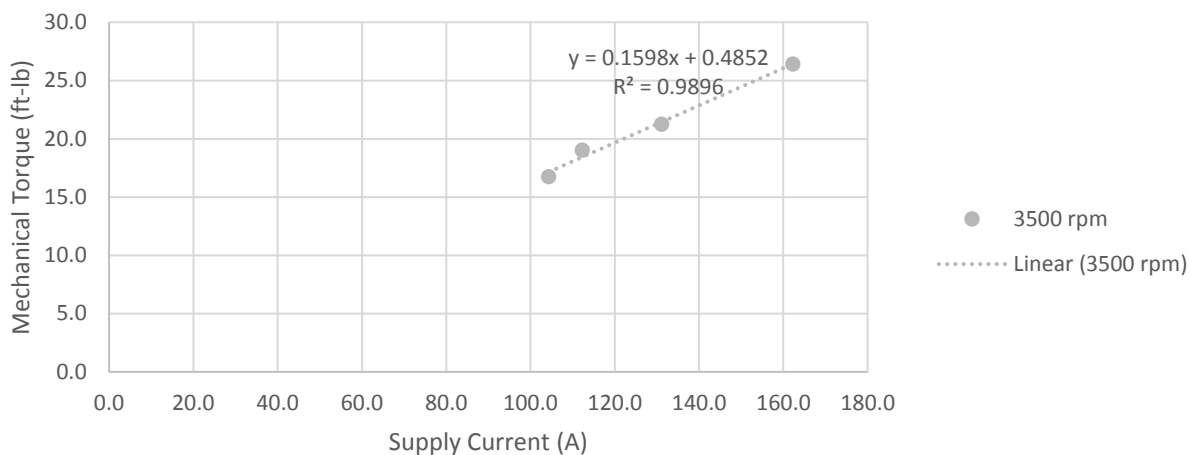


Mechanical Torque vs Supply Current at constant values of Motor Speed





### Mechanical Torque vs Supply Current at constant values of Motor Speed



Need Extrapolation for higher motor speed because of limitation of data collection. Motor becomes too hot too quick to continue because of combination of high motor speed and current.

Use the limitation region to set safe operation/ working zone for the motor.

#### USE LINEST FUNCTION FOR STATISTICS OF A STRAIGHT LINE:

<http://www.colby.edu/chemistry/PChem/notes/linest.pdf>

<https://www.techonthenet.com/excel>