ENERGI PM CONVERSION FACTOR INSTRUCTIONS
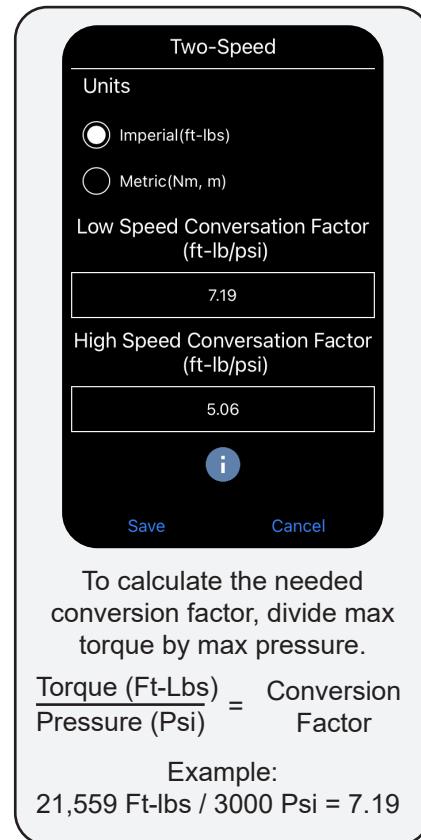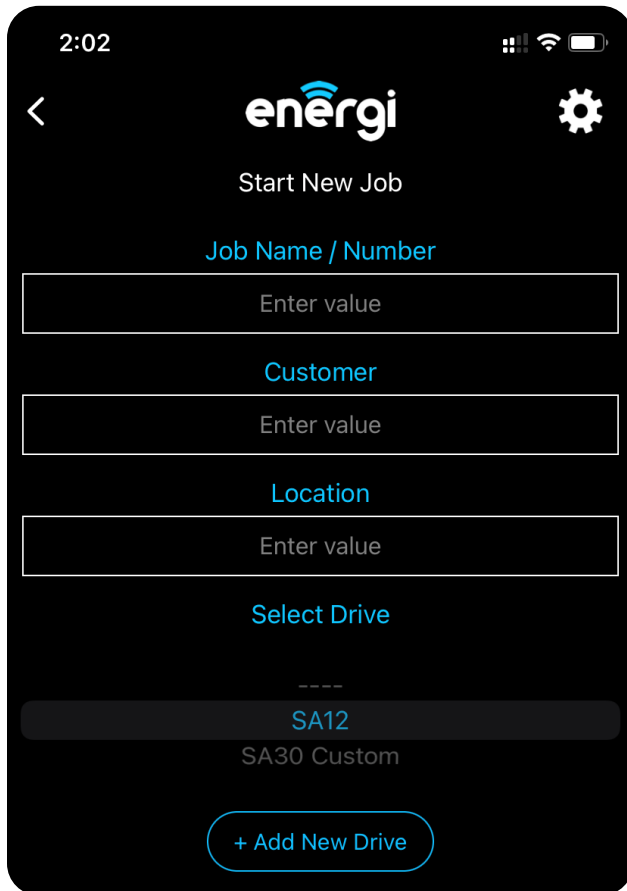
dinamic oil

ADDING A CONVERSION FACTOR:
A Conversion Factor is required to use the Energi Pressure Management mobile app. Use the Conversion Factors in the tables below for Dinamic Oil Anchor Drives. Conversion Factors are model specific, so only use the Conversion Factor associated with your model of Anchor Drive.

The Conversation Factor must be calculated for non-Dinamic Oil Anchor Drives. The user must know the maximum torque and maximum pressure. An example of how to calculate the Conversion Factor is shown below.

To calculate the needed conversion factor, divide max torque by max pressure.

$$\frac{Torque\ (Ft\text{-}Lbs)}{Pressure\ (Psi)} = Conversion\ Factor$$

Example:
21,559 Ft-lbs / 3000 Psi = 7.19

A new Anchor Drive is added by selecting **+ Add New Drive**. This is only necessary if the Anchor Drive model wanted is not shown/preloaded. *(The dialog box shown above will appear after selecting + Add New Drive)*

IMPORTANT! - Ensure you select the correct unit of measure - (Nm or Ft-Lbs) when entering the Conversion Factor.

SA Series Conversion Factor	Nm / Bar	Ft-Lbs / PSI
SA3	25.99	1.32
SA5	40.15	2.04
SA6	49.18	2.50
SA7	58.06	2.95
SA8	58.06	2.95
SA12	84.35	4.29
SA16	112.68	5.73
SA20	147.60	7.51
SA30	202.45	10.30

TA Series Conversion Factor	Nm / Bar		Ft-Lbs / PSI	
	High Sp.	Low Sp.	High Sp.	Low Sp.
TA16	75.77	113.66	3.85	5.78
TA20	99.57	141.32	5.06	7.19
TA30	127.27	180.64	6.45	9.16
TA40	176.76	265.53	8.99	13.50
TA60	125.32	250.64	6.37	12.75
TA80	157.91	315.81	8.03	16.06
TA100	205.70	411.40	10.46	20.92
TA200	398.68	797.35	20.27	40.55
TA300	597.48	1194.95	30.38	60.77