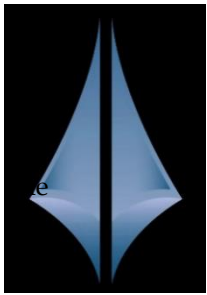


Element Oilfield EV-2 Mud Lube Motors



“Element EV-2” Mud Lube Motor designs are designed with unconventional tool diameters, allowing the designs to take advantage of increased area to maximise component and internal connections sizes, delivering unmatched torque capabilities and user confidence in wells that demand ultimate performance out of the motor.

The E-MLEV-2 internal and external connections are on average 50% higher than their conventional replacement. Combining the enlarged cross sections of the internal components that provide 40% increased torsional strengths, the EV-2 line of motors are built to withstand all drilling applications.

The E-MLEV-2 Series increased diameters also provide higher flow rate capabilities when paired with the applicable power section, as well as increased and consistent build rates with more wellbore contact.

E-MLEV-2 Motors are the choice for high temperature, high solid, and for all drilling fluid applications.

All “Element” Bearing Sections are compatible with the EDS Driveline assembly, as well as Adjustable, Fixed Housing and Rotor Catch assemblies.

EV-2 MUDLUBE SPECIFICATIONS

	5 ¼"	7" / 7 ¼"	8 ½" / 8 ¾"	10 ½" / 10 ¾"
(A) Bit Box to STAB In - M	13.75" .34,821 M	15.75" .39M	24.25" .60 M	25.25" .63 M
(B) Bit Box to Bend, ADJ. In - M	50.7" 1.27 M	61" 1.53 M	74.2" 1.85 M	81.3" 2.03 M
(B) Bit Box to Bend, FIX In - M	40.25" 1.00 M	48.5" 1.21 M	60.5" 1.51 M	66.5" 1.66 M
(C) Bit Box to Stator In - M	71.80" 1.80 M	85.5" 2.14 M	101.9" 2.55 M	112.3" 2.80 M
Power Section	REFER TO MANUFACTURERS SPECS			
(D) Rotor Catch In - M	25" .64 M	30" .76 M	40.5" 1.08M	40.5" 1.08 M
(E) Effective Pad Diameter In - M	5.62" 143mm	7.64" 194mm	9.12" 232mm	11.18" 284 mm
On Bottom Load lb - daN	75,000 lbs 33,480 daN	158,000 lbs 70,535 daN	190,000 lbs 84,821 daN	235,000 lbs 104,910 daN
Off Bottom Load lb - daN	75,000 lbs 33,480 daN	158,000 lbs 70,535 daN	190,000 lbs 84,821 daN	235,000 lbs 104,910 daN
Max Torque Capacity Ft-lb	16,000 ft - lb	31,000 ft - lb	43,000 ft - lb	49,000 ft - lb
Standard Bit Box Conn.	3 ½" REG	4 ½" REG	6 5/8" Reg	7 5/8" Reg

