

LIFTPrime high-efficiency ESP pump

High-efficiency ESP pumps engineered to reduce power, shorten system length, expand operating range, and improve robustness

Applications

- Conventional and unconventional oil wells
- Mature assets and brownfield optimization programs
- Wells with unstable inflow or variable reservoir pressure
- Applications where shorter ESP strings are desired, enabled by higher lift per stage
- Wells with moderate to high abrasives, thrust loading, or gas content
- High temperature applications with CGI qualified configurations

Features and Benefits

- High-efficiency hydraulic design to minimize power consumption and operating cost
- High lift per stage, enabling fewer stages, shorter ESP strings, and reduced system length
- Wide operating range, allowing a single pump to operate reliably as production conditions evolve
- Constant rising head curves for stable and predictable hydraulic performance
- High-strength shaft designs across most of the portfolio to improve robustness and mechanical reliability
- Validated gas-handling capability for stable operation in gassy applications
- Available SSD, SxD, and CSHD/CG configurations to match application severity

The **LIFTPrime™ high efficiency pump** portfolio is a series of next generation mixed flow ESP pumps engineered to optimize well economics across a wide range of production rates and well conditions. Available in **4.00" and 5.38" OD**, LIFTPrime pumps are purpose designed to **maximize hydraulic efficiency, increase lift per stage, and expand the operating range**. This design enables reduced power consumption, shorter ESP strings, and improved overall system reliability across the well lifecycle.

A key differentiator of the LIFTPrime portfolio is its focus on combining **high efficiency with high lift per stage**, allowing operators to achieve required lift with fewer stages and reduced pump length. This design approach lowers system complexity, improves installation flexibility, and contributes directly to a lower cost per unit of lift. The wide operating envelopes of LIFTPrime pumps allow a single pump to operate reliably through changing inflow, drawdown, and reservoir

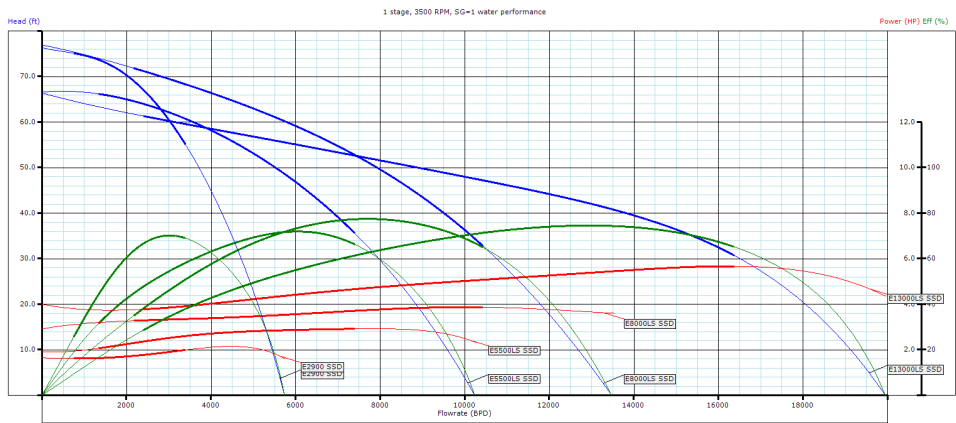
conditions, reducing the need for early system changeouts and interventions.

LIFTPrime pumps feature **constant rising head curves**, providing predictable and stable lift performance as well conditions evolve over time. This hydraulic stability minimizes cycling, reduces operating risk, and supports consistent production management in both conventional and unconventional applications, including wells with moderate gas content.

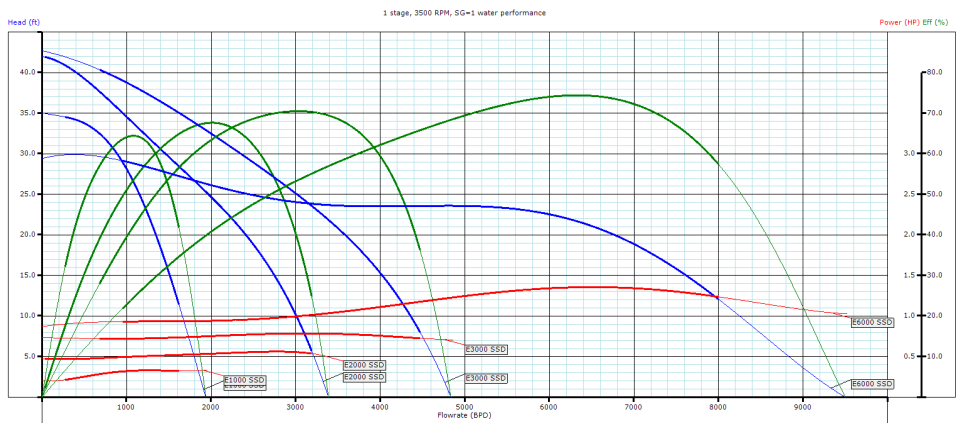
Across the portfolio, LIFTPrime incorporates **high strength shaft designs and robust mechanical architecture** to improve durability and system reliability in demanding environments. When combined with abrasion resistant configurations and validated hydraulic performance, the LIFTPrime portfolio delivers a balanced solution that improves efficiency, reduces ESP system length, and enhances robustness across a wide range of applications.



Series	Nominal OD: inch (cm)	Pump	BEP Rate: bbl/day (m³/day)	Recommend Flow Range: bbl/day (m³/day)	Peak Efficiency	Key Differentiator
400	4.0 (10.2)	E1000	1,000 (159)	250 – 1,650 (40 – 262)	~69%	Compact, high efficiency for low-mid rates
400	4.0 (10.2)	E2000	2,000 (318)	50 – 3,200 (8 – 509)	~70%	Wide range, strong head/stage: +50% over competition
400	4.0 (10.2)	E3000	3,000 (477)	700 – 4,500 (111 – 715)	~70%	Mid-range flexibility
400	4.0 (10.2)	E6000	6,000 (954)	1,000 – 8,000 (159 – 1,272)	~76%	Industry leading top rate and peak efficiency
500	5.38 (13.7)	E2900	2,900 (461)	700 – 3,400 (111 – 541)	~70%	Shorter ESP strings enabled by higher lift per stage
500	5.38 (13.7)	E5500	5,500 (874)	1,400 – 7,300 (223 – 1,161)	~72%	Mid-high-rate applications
500	5.38 (13.7)	E8000	8,000 (1,272)	2,000 – 10,500 (318 – 1,669)	~77%	High-rate efficiency
500	5.38 (13.7)	E13000	13,000 (2,067)	2,500 – 17,000 (397 – 2,703)	~75%	Industry leading rate and efficiency



400 Series LiftPrime E-Series Performance Curves



500 Series LiftPrime E-Series Performance Curves

