

Extra Severe Duty Induction Motors

Powering the Harshest Oilfield Environments with Proven Durability

FET Multilift Solutions is proud to expand our offering with **Extra Severe Duty Induction Motors**—motors purpose-built for Oil & Gas operations where uptime is critical, and performance cannot slip.

From **surface pumping units** and **PCP driveheads** to compressors, blowers, and demanding process equipment, Multilift Solutions Motors provide outstanding reliability and long-term value in harsh, high-duty-cycle environments.

When uptime is money, you need motors that don't just meet standards—they **outperform** them. Backed by proven engineering with FET's oilfield experience, these motors help maximize reliability and limit downtime.

Why Choose Extra Severe Duty Motors from FET Multilift Solutions?

► Engineered to Exceed Global Standards

Designed and tested to meet or exceed all major industry requirements—**NEMA, IEC, IEEE 841, CSA, API 547/541, and Division 2/Zone 2 AEx** certifications. Your operation benefits from dependable performance reinforced by rigorous engineering and testing.

► Premium Efficiency, Lower Operating Costs

The **XSD Ultra** platform meets **NEMA Premium Efficiency** standards, reducing power consumption while maintaining top-tier mechanical integrity—a sound investment for long-term OPEX reduction.

► Designed Around Real-World Failure Modes

Designed to address the key factors that traditionally shorten motor life—including bearing stress, heat, contamination, misalignment, lubrication failures, winding overheating, inverter stress, and voltage issues. **Fewer failure modes = more uptime.**



RUGGED CONSTRUCTION FOR EXTREME DUTY

Cast Iron Everything

Frame, fan cover, conduit box—all built to withstand corrosive, high-vibration environments.

Dual Mounting Flexibility

Versatile mounting holes and a centered stator/frame make an easy F2 conversion.

Advanced Bearing System

Built for 130,000-hour L10 bearing life in direct-coupled configurations.

- Charged Polyurea lubrication
- Cast iron bearing caps
- Severe-duty shaft slinger
- Polyurea grease rated -40°C to +120°C

Corrosion & Contaminant Protection

- Epoxyester IEEE-841-grade paint
- Stainless steel breather/Drain
- Gasketed leads & conduit box
- Non-sparking corrosion-resistant fan

Designed for Safe and Easy Handling

- Four-point cast-in lifting lugs
- Clean, clear, embossed 316 SS nameplate
- Permanently labeled Class H leads
- Optional field-modifiable features (non-contact rotating seal)