The Baker Hughes SC-XP™ gravel-/frac-packing system provides advanced performance in extreme environments, delivering faster conveyance rates, higher bottomhole temperatures, and higher production ratings than existing sand control systems, while maintaining the capability for simple retrieval.

The SC-XP system can withstand temperature ratings of 400°F (204°C), treating pressures of 15,000 psi (103.421 MPA) and a proppant volume of 1,500,000 lb at a rate of 60 bpm, while still preserving the casing integrity.

The SC-XP system can handle jobs with extremely high horse power pumps, allowing high volumes of proppant to be pumped without damaging the tools or the casing, keeping its integrity while opening and enlarging flow paths for the oil through the most challenging formations and reservoirs. At the same time, the system is flexible enough to allow long horizontal, openhole gravel packing without disturbing the filter cake.

Properties/specifications:
- Maximum tensile rating on run-in: 400,000 lbs
- Temperature rating: -40°F (4°C) - 400°F (204°C)
- Maximum torque rating through packer and extension: 10,000 ft lbs
- Maximum treating pressure: 15,000 psi
- Production Δp rating: 12,000 psi
- ISO 14310 Grade V0
- Casing ID range: 8.405 in. to 8.825 in. (ex.: 9-5/8 in., 53.5 lbs and 9-3/8 in., 47 lbs, and 9-7/8-in., 62.8 lbs)
  - Proppant volume/rate: 1,500,000 lbs @ 60 bpm
- Casing ID range of 6.510 in. to 6.882 in. (ex.: 7-7/8-in., 33.7 lbs to 7-5/8-in., 39 lbs),
  - Targeted maximum proppant volume/rate: 500,000 lbs @ 40 bpm

Applications
- Ultra deepwater and larger payzones
- Longer laterals and extended reach wellbores
- Completions in 400°F
- 15 kpsi sand out and 12 kpsi production
- Cased and openhole completions

Features/Benefits
- Single-platform system
  - Offers flexibility for either frac or openhole gravel packs
- ZXP packer element
  - Reduces trip time
  - Allows high-rate circulation during openhole deployment
- Rotational locking while running in hole
  - Reduces risk on openhole installations
- Single treatment position
  - Reduces operation time
  - Provides simplified operation with minimal tool movement
- Set-down weight in all tool positions
  - Delivers operational reliability
- Designed for ultra-high flowrate and proppant volume
  - Improves reservoir connectivity and conductivity without damaging tools or casing
- High temperature and pressure ratings
  - Allows HP/HT sand control completion
- ISO V0 qualified
  - Allows completion with bubble-tight seal requirements