

OIL & GAS



# OIL & GAS APPLICATIONS

## Why Solcon?

In an industry where time is money and the cost of down time can reach more than one million dollars an hour, reliability is essential. That is where Solcon comes in. Solcon has been providing Soft Starting solutions to the Oil & Gas industry since 1977, earning their impeccable reputation for providing the world's largest oil rigs, vessels, and oil & gas pumping stations with highest quality, uniquely designed Soft Starters for pumps and compressors. Solcon Soft Starters can even be customized to operate in severe (-40°C) environments.

Solcon is the world's largest supplier of Soft Starters for compressors on FPSO's and all their marine products are certified. Solcon's extensive reference list includes Exxon Mobil, Shell, BP, Gazprom, Enbridge, Talisman and many more.



## Solcon provides

Soft Starters, SCR Power Controllers and Protection Relays, standard chassis units, or customized "Turn Key" product line-ups to meet the customers every need.

## Solcon is recommended for:

- Gas compressors
- Reciprocating compressors
- Axial compressors (1-50 MW)
- Pumps
- Pipe line heating
- Injection pumps
- Fire fighting pumps

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## Typical Applications

Virtually every motor... low or medium voltage, induction, synchronous or slip-ring... may be soft-started and protected by Solcons' advanced products. Look to Solcon for Soft Starters and Power Controllers, as well as insulation protection and temperature protection for motors. Solcon has the solution for your application.

### Using Solcon soft-starters provides:

- A complete product line 8-3000A, 208-15000V from a single supplier
- Soft-Starting systems for Induction, Synchronous and Slip-ring motors
- A variety of choices for severe, heavy and standard duty applications
- A robust construction, pre-designed for harsh environments
- Superior starting & stopping characteristics for low and medium voltage motors
- Comprehensive, built-in motor protection package

### Unique optional features:

- Motor insulation protection
- Analog output and RTD or thermistor input
- Special treatment for harsh environments
- Communications - Modbus Standard, Profibus, Devicenet and others upon request

### Solcon Product lines for Oil & Gas applications:

- Up to 3000HP (3MW) Low Voltage up to 1200V rated Soft Starters - **RVS-DN**
- Up to 50,000HP (50MW) Medium Voltage - special design Soft Starters - **HRVS-DN**
- Up to 3000A (3MW) Low Voltage 208 - 1000V SCR Power Controllers - **TPS**



Transformer Soft Starter - Eliminating Inrush Current - Drill Rig



Water Injection Pumps, Gas Compressors & Fire Fighting Pump - FPSO Fluminense - Shell, Brazil

Courtesy Jurong Shipyard



Oil Pumps - Helder A - Shell, Netherlands

# SOLCON

WATER

OIL & GAS

INDUSTRY

MINING

MARINE



Soft Starters ■ Motor Protection ■ Power Controllers

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