

Soleco anti-vibration mounts for the Oil&Gas Industry

Soleco
engineering s.r.l.



Certifications and quality are fundamental requirements in supplies for Oil&Gas applications: machines such as **transformers and generators** are usually insulated with **ANTI-VIBRATION MOUNTS** which must reflect specific technical characteristics, in order to guarantee safety and performance under all conditions.

Among these, the components must **withstand saline environments and oils**, must have flame retardant properties and the material must **last over time** even in more hostile conditions.

To ensure these high-quality standards, **Soleco** has always invested in research and development also by creating a **range dedicated** to machine manufacturers operating in the **Oil&Gas and Offshore industry**.

Regarding isolation of high frequencies and in the absence of seismic certifications required, Soleco supplies its Customers with the patented **MODULAR BELL MOUNT**: the damper consists of a base and a cover in AISI 316 stainless steel with an internal elastic body made of **THERMOPLASTIC ELASTOMER**, the ideal material for applications in environments with temperatures ranging from -45°C to +135°C.

This particular compound in recyclable thermoplastic highly withstand to time passing, pollutants, hydrocarbons, saline mist, UV rays and detergents.

In addition, the patented **Soleco BELL mount** is equipped with a **tear-proof bush** that prevents overturning, making it suitable for Offshore applications.



If, on the other hand, the frequencies to be isolated are low, or if there is a need of **SEISMIC CERTIFICATIONS**, the best choice for **Soleco** falls on its **SPRING ANTI-SEISMIC** line: its structure is made of AISI 316 STAINLESS STEEL and the springs are supplied in AISI 302 STAINLESS STEEL. And moreover, to comply with basic requirements, the **SPRING ANTI-VIBRATION** structure can be treated with **special paints** following the NORSOK standard and C5M cycles (UNI EN ISO 12944).

Efficiency and quality of SOLECO ANTI-SEISMIC series has been attested by **tests** carried out at the Polytechnic University of Milan according to the ANSI/ASHRAE 171-2008 standards (*Method of Testing Seismic Restraint devices for HVAC & R Equipment*).

High performance levels and test methodology have been validated and certified by LLOYD'S REGISTER. Due to its experience in this sector and thanks to its continuous research, **Soleco** is an Italian company able to satisfy the increasingly and specific worldwide requests for those operating in the Oil&Gas industry.

For more information or support, visit our website: www.solecosrl.com