

SAINT-GOBAIN SEALS APPLICATION CASE STUDY

Oil & Gas: Case of the “Sticky” Drilling Jar



CUSTOMER CRITICAL DIFFERENCE

Operated on land, offshore or ultra-hot boreholes, hydraulic downhole drilling jars are rather versatile and help to free and move the drill pipe components in the event that they become stuck in the formation. They are critical, significantly reducing the risk of expensive equipment loss for our customer. When used with our [Meldin® backup rings](#), the jar is able to endure high-pressures and high-temperatures in high-volume environments, making them extremely durable and requiring little maintenance.

CONNECTED APPLICATION

Meldin® 5301 Backup Rings: Used in [FPSO High Pressure and High Temperature Turret Swivels](#) with special high elongation type design.

Solution Team: Bristol, RI USA Site

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Critical parts
making THE difference



SEALS

SAINT-GOBAIN

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PRODUCT SOLUTION

Meldin® 5301

AREA

Hydraulic Downhole Drilling Jar

MATERIAL

PEEK

CRITICAL PART

Packing Kit Backup Ring

TECHNICAL DETAILS

- Media: Hydrocarbons, oil, water
- Pressure: Up to 5,000 PSI (345 BAR)
- Temperature: Up to 500° F (260°C)
- Counter Surface: Inconel®

BENEFITS AND ADDED VALUE

- Excellent durability through superior thermal resistance
- Strong mechanical properties and chemical resistance

