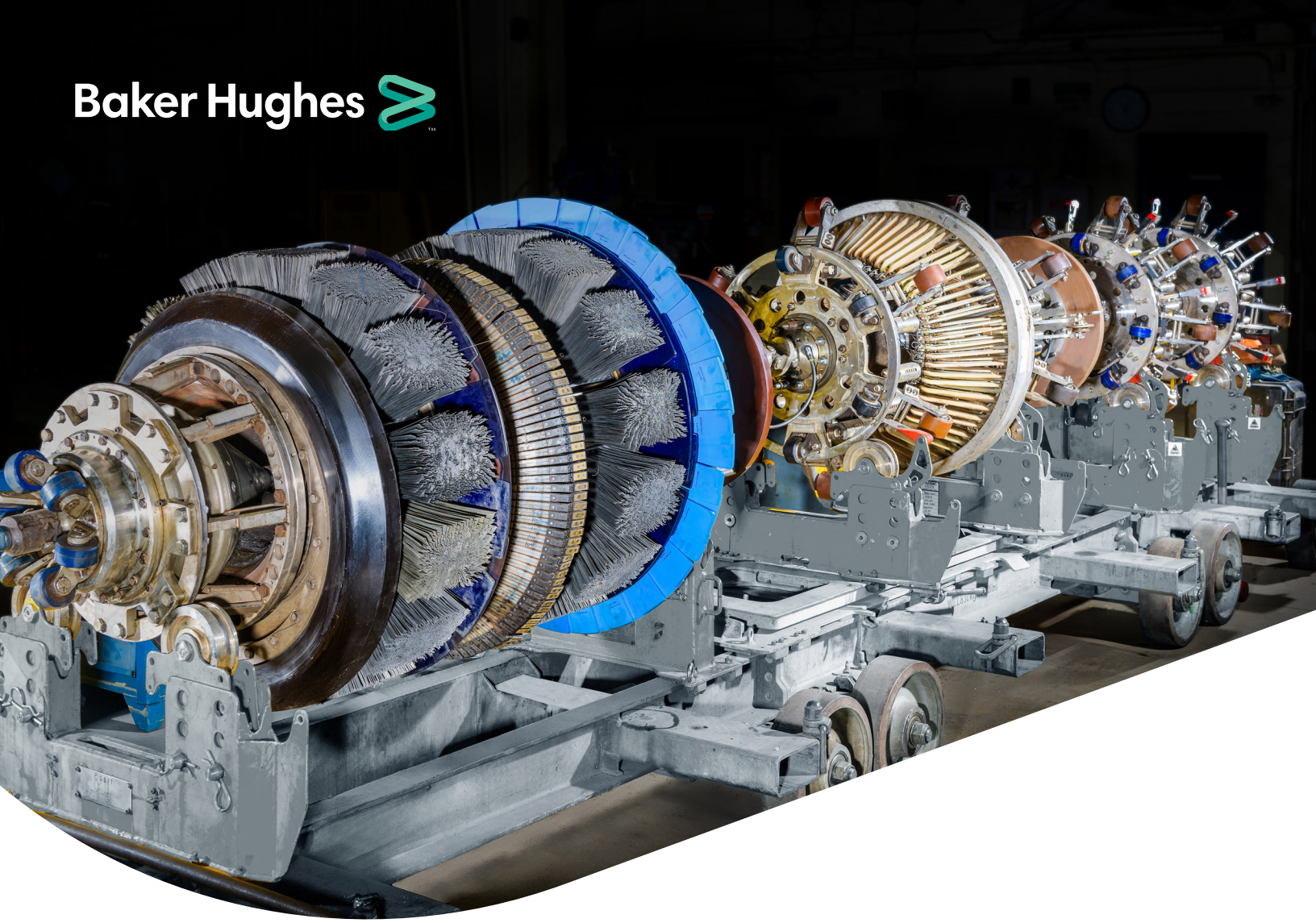
Baker Hughes



AXISS™ EPS

In-line inspection axial stress measurement service

Keeping your pipeline safe starts with understanding the forces acting on it. Changes in stress or strain—especially when they go unnoticed—can lead to costly damage or even failure. That's why having accurate insight into your pipeline's condition is essential.

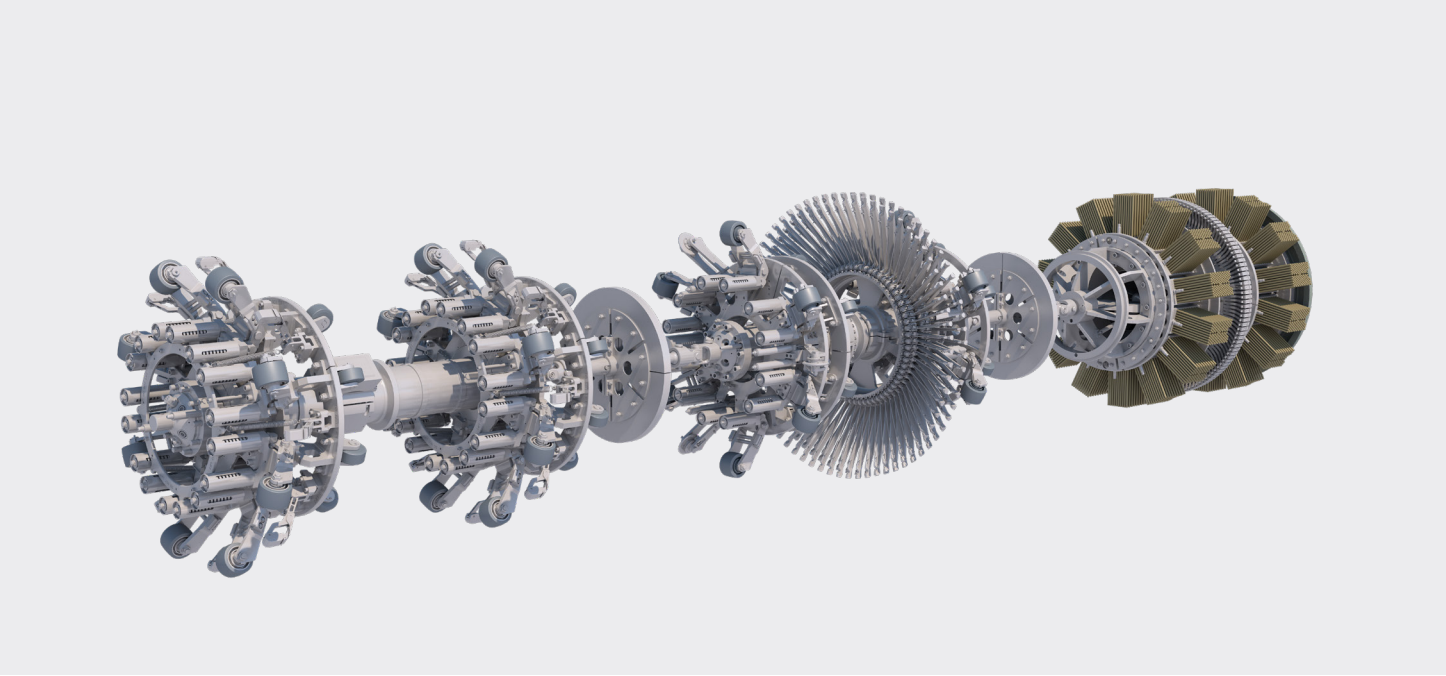
Baker Hughes' AXISS EPS technology gives you that insight. It's the only in-line inspection technology that measures axial stress and strain while your pipeline stays in operation. This lets you spot early signs of trouble long before they become major.

Why AXISS EPS makes a difference

- Detects stress and strain in the elastic region, helping you identify subtle changes that could indicate future risks
- Runs alongside our MFL tools (MagneScan™ and VECTRA™ GEMINI) during scheduled corrosion inspections—no additional downtime or operational disruption
- Provides a complete picture of your pipeline's stress environment, helping you confidently manage integrity in the face of ground movement, encroachment, weather events, and other external forces
- Helps you prioritize areas that matter most, including deformation, circumferential features, girth welds, and other stress sensitive threats

Proven technology, improved capability

Backed by more than ten years of field experience, the AXISS platform has evolved from measuring only axial strain to now delivering full axial stress identification. This gives you a clearer and more accurate view of how your pipeline



is behaving, so you can eliminate uncertainties and reduce safety risks.

Through 200+ total inspections, the AXISS technology has traveled over 150,000 km, providing clients with more than 1200 identified features.

How it works

AXISS EPS uses advanced electromagnetic sensors calibrated to your specific pipe material. This ensures reliable measurement of the actual stress and strain levels present in your pipeline.

Make every inspection count

AXISS EPS helps you get maximum value from your existing inspection schedules—saving time, reducing maintenance costs, and giving you the confidence that your system is operating safely.

Contact your Baker Hughes representative to learn how AXISS EPS can enhance your integrity program and strengthen your pipeline's resilience.

AXISS EPS configurations and sizes:

MFL platform	Tool sizes	In development
MagneScan™	16" to 42"	48"
VECTRA™ GEMINI	24", 30"	36", 42", 48"

AXISS EPS specifications:*[1,2,3]

Description	Microstrain (με)	Percent (%)
Axial strain POD = 90%	200	0.02
Axial stress accuracy @ 80% certainty	±100	±0.01

Data will be processed to report each 100mm

[1] Specification may be influenced by material properties

[2] Valid for elastic strain range only

[3] POD=Probability of Detection (090/50). Reference as per Pipeline Operator Forum (POF)

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