

# Do not let H<sub>2</sub>S take you fishing!

ERS 425™, a unique steel grade for Heavy Weight Drill Pipe and Accessories for use in sour environments.

VAM Drilling Research and Development has engineered ERS 425™, a unique steel grade that maximizes safety and performance in Sour Service environment by combining:

- Specific chemistry
- Supreme cleanliness
- Optimized microstructure

VAM Drilling's full range of BHA products for Sour Service environment:

## ▶ Heavy Weight Drill Pipe:



**VM-65 HW MS** and **VM-80 HW S** for mild and severe sour service.



**VM-110 HW MS** integral ERS 425 Heavy Weight.

## ▶ Drill Collar:



## ▶ Pup joint:

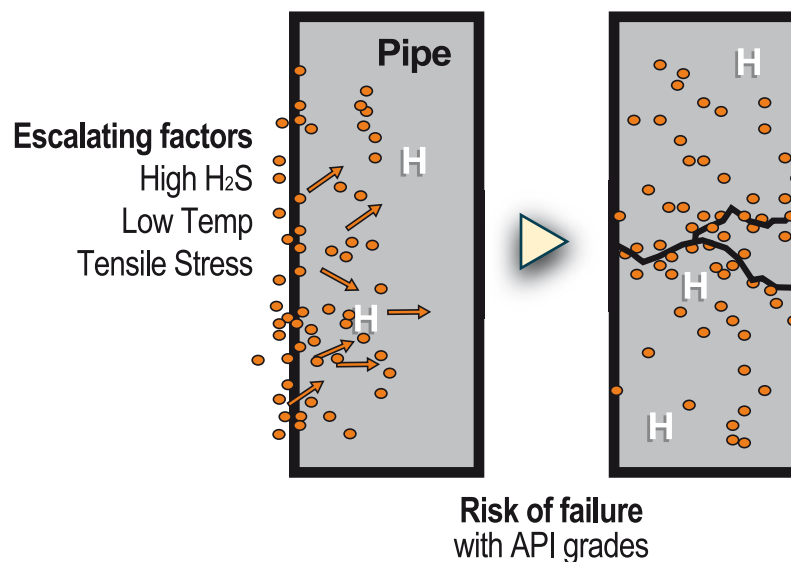


**VM-110 PUP** integral ERS 425 Pup Joint.

## ▶ Hydroclean:



VAM Drilling Hydroclean made from ERS 425 improves hole cleaning in H<sub>2</sub>S environment.



### ERS 425™ PROPERTIES

YS min	110,000 psi
UTS min	140,000 psi
Hardness (single max)	36 HRC
Hardness (single min)	30 HRC
Impact Strength min	48 ft-lb

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