

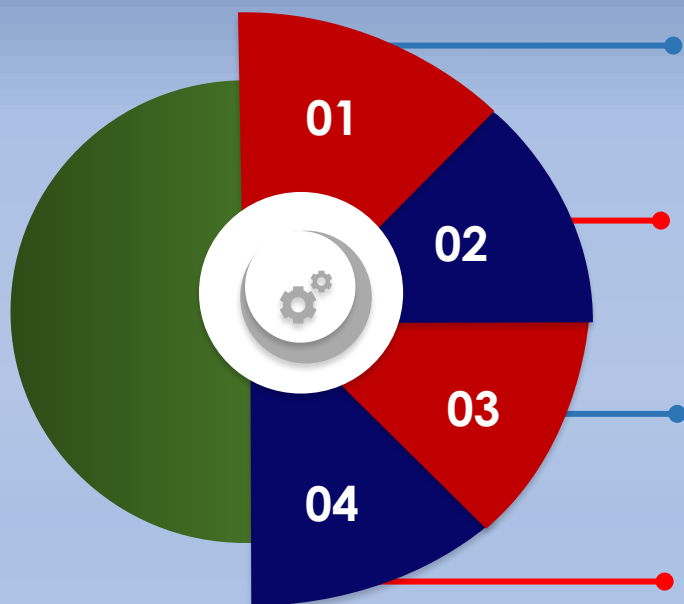


HP ENSCOUR

Additized Solvent Package for Defouling of Units in Heavy Oil Processing

- Hard asphaltenic material and coke accumulates over time in units processing heavy oils
- Conventional process to defoul such units consists of thermal and mechanical methods

Problems associated with conventional methods



Longer Unit Downtime

Human Exposure to Hydrocarbon

Operational Limitations

Hazardous Waste Generation





HP ENSCOUR

Additized Solvent Package for Defouling
of Units in Heavy Oil Processing

**HP ENSCOUR: Unique Additized Solvent Package for
Cleaning Heavy Asphaltenic Sludge**

Asphaltene Removed (%)

55

90

Time for cleaning (Days)

45

25

Without Encour With Encour

Trial results for PDA unit
defouling at MR

Without Encour With Encour

Trial results for cleaning asphalt
tank at MR

- Cost effective and Customized Solution
- Enhanced Safety and Ecofriendly
- Lesser Waste Generation
- Reduced downtime