



HRS-820

Hydrate Removal System

HRS-820 is suggested to be used as a two part system to remove ice plugs formed in pipelines, valves, trees, etc. This is accomplished without damage to metallurgy and/or rubber materials. It has also been successful in helping to removal of paraffin/asphaltene build-up.

HRS-820 is applied by spotting a blend of organic chemicals and alcohols on the hydrate plug and coming in with a second chemical and releasing it in and into the first chemical, thus causing a thermal reaction that will heat up to approximately 185 degrees F within 2 to 5 minutes. This is usually enough temperature to melt most hydrate plugs in 3 to 10 minutes.

HRS-820 is most commonly applied with a dump bailer and is activated by a second chemical **HRS-45P** which starts the thermal reaction.

Specific Gravity:	1.10
Appearance/Odor:	Amber/Vinegar
Solubility:	Water
pH:	1.0 to 1.5

HRS-820 is recommended to spot 10 to 25 gallons on hydrate plug and is activated with **HRS-45** with the same ratio. Volumes may change based on the severity of the hydrate plug. These chemicals are available in 55 gallon drums.

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