



Alchemy[®]
Oilfield Services Limited

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Alchemy[®] AGPP2 (Aqueous Gel Pipeline Pig)

Description

Alchemy[®] AGPP2 (Aqueous Gel Pipeline Pig) is a solid gel pig which can be used, at temperatures of less than 30 degrees Centigrade, to pig out pipelines where there is no requirement for hydrate suppression or where the pig will have to degrade within the pipeline system. It can be made in a variety of diameters to suit pipeline requirements. The gel pig is manufactured in a canister which is sized to match the internal diameter of the pipeline. The pig and canister are delivered to the site of the pipeline where the gel pig is inserted into the line.

Applications

Alchemy[®] AGPP2 is, as indicated above, extremely effective in pigging out pipelines. This type of pig can also be used to separate liquids within lines to create sections of fluids. The pig can be propelled along the pipeline with water, monoethylene glycol, methanol or gas. This pig is primarily used in oil pipeline applications. After use the pig will breakdown or can be directed to the production stream where it will melt with heat.

Stability

Alchemy[®] AGPP2 is designed to be easily biodegradable so will be less stable and normally is used within 4 weeks. This gel pig must be stored sealed in the original packaging at temperatures below 30°C.

Additional Features

Alchemy[®] AGPP2 has been used in conjunction with Alchemy[®] Gel products to assist in the pigging of pipelines to remove liquids and debris within pipelines. Due to the formulation, Alchemy[®] AGPP2 can be used in lines where solid pigs may cause damage or block the line if they stick. The product is composed of environmentally friendly materials which easily biodegrade. The product is fully CEFAS / DECC registered for North Sea use.

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Typical properties

Appearance	Pale straw to amber solid gel
Odour	Slight
pH	6-7 at 20°C (1% aqueous solution)
Density	Approx. 1.1
Solubility	soluble over 30°C
Shelf Life	up to 4 weeks
Recommended Storage temperature	below 20°C

Supply

The product is supplied in a canister sized to match the internal diameter of the pipeline. To date Alchemy[®] has supplied AGPP2 from 2" to 24" diameter in various lengths.

The above properties are typical of Alchemy[®] AGPP2 but the data presented is not a specification.

ALC AGPP Rev 1

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