

Paratene™ S700

“Sulphur Solvent”

Description

Paratene™ S700 is a blend of solvents, chelants and surfactants designed to dissolve and disperse elemental sulphur. Paratene™ S700 converts elemental sulphur into water soluble salts that will not re-precipitate. The wetting agent aids with the rate of sulphur removal and also permits the removal of any hydrocarbon that may have co-deposited with the sulfur.

Features and Advantages

- ❑ FAST
- ❑ EFFECTIVE
- ❑ NON-FLAMMABLE
- ❑ SIMPLE TO APPLY
- ❑ WATER SOLUBLE
- ❑ NO OBJECTIONABLE ODOURS.

Typical Physical Properties

Appearance	Viscous Liquid
Odour	None
Specific Gravity	1.21
Flash Point	>100°C
pH	14
Freeze Point	-14°C
Ionic Character	Non-Ionic

Methods of Application

Paratene™ S700 is designed to be used undiluted for the removal of sulphur deposits. The system should be filled with Paratene™ S700 and then heated to between 60°C and 90°C. The solution should then be allowed to soak or circulated for 4 – 6 hours while maintaining the temperature above 60°C. Higher temperatures will give a better reaction rate. The system should then be flushed to flush out any undissolved deposits. In some cases multiple applications may be required due to flow restrictions.

The sulphur uptake for Paratene™ S700 under static soak applications for 4-hours is provided below (kilograms of sulphur per cubic meter of Paratene™ S700).

Temperature	Sulphur Uptake
60°C	93 kg/m ³
75°C	120 kg/m ³
90°C	141 kg/m ³

Safety and Handling

Paratene™ S700 contains potassium hydroxide and is very corrosive to eyes and skin. Proper protective equipment and eye protection must be worn when handling the product. Consult the Material Safety Data Sheet for further information.

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