



PT5840

PT5840

is a high-performance barium sulfate scale dissolver and descaler designed to efficiently remove sulfate scale, dissolving high amounts of barium sulfate scales.

Barium Sulfate causes formation damage, reducing production, hosting bacteria, fouling piping, tanks, and process equipment, all of which greatly reduce the profitability of your operations.

VALUE ADD/BENEFITS

- Increased production/revenue
- Cost-effective
- Non-damaging to commonly used metal surfaces and seals
- High BaSO₄ dissolving capacity
- High rate of dissolution
- Concentrate options to reduce shipping costs
- Reduced mechanical remediation operation times
- Decreased decommissioning timelines and costs
- Dissolves strontium and calcium sulfates
- Distribution/manufacturing sites throughout the Americas

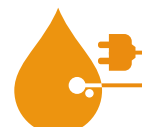
APPLICATIONS

- Down-hole scaling issues
- Production well near wellbore damage from barite-based mud systems
- Heat exchangers and pipelines
- Processing and production treatments
- Industrial boiler systems
- Geothermal well scale treatments
- Separators, hydrocyclones, and degasser treatments
- Injection well treatments

ChemTreat cannot guarantee results.



Expert Staff



Smart Technology

Na₄EDTA vs BSD-40: SULFATE SCALE TREATMENT: HIGH BARIUM CONTENT

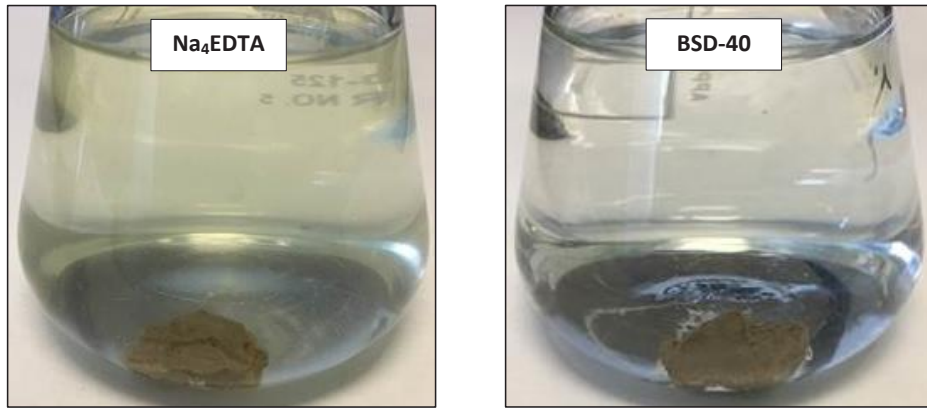


Figure 1: Scale samples before impact; Left: 20 wt% Na₄EDTA Right: BSD-40

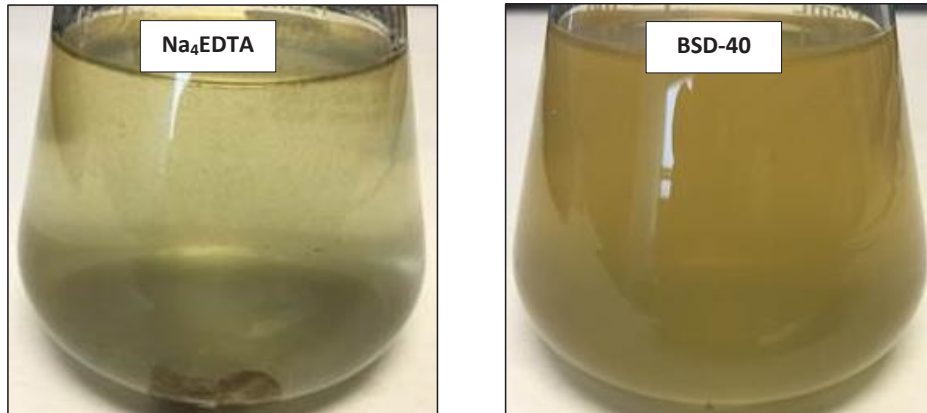


Figure 2: 75 min impact time with slight agitation; Left 20 wt% Na₄EDTA, Right BSD-40

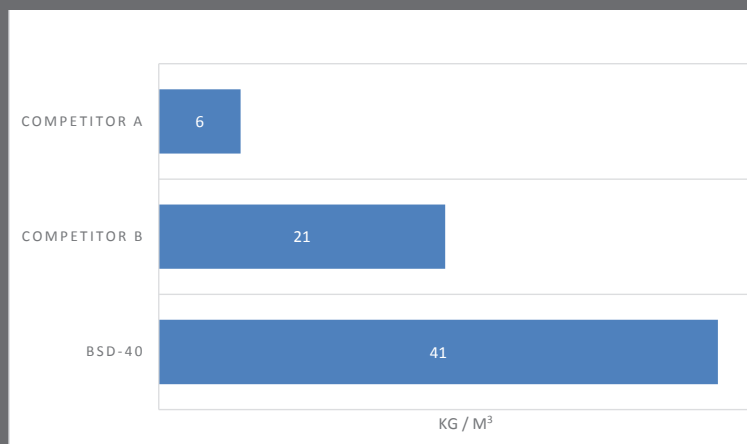
Elements in solids, XRF	Result %
Barium, Ba	37
Strontium, Sr	12
Calcium, Ca	2.6
Sulphur, S	16

Results are examples only.
They are not guaranteed.
Actual results may vary.

XRF analysis of above field scale sample main elements



TOTAL SOLUBILITY BARIUM SULFATE



Results are examples only. They are not guaranteed. Actual results may vary.

BARIUM SULFATE TEMPERATURE DEPENDENT DISSOLUTION OF 2.5 KG/M³

