

# SUNRISE CHEMICALS



## Gel Sweep HB

(Viscosifier)

### *Physical Properties*

Pour Point:	< -22 °F
Specific Gravity:	1.05 - 1.08
Density:	8.75 - 8.9 lbs/gal
Appearance:	Off White Opaque Liquid

### *Description*

Gel sweep provides desired viscosities in high TDS brines containing high levels of chlorides and divalent ions (Ca<sup>2+</sup>, Mg<sup>2+</sup>, etc.). Extremely effective when utilized with coiled tubing to circulate fluids to pick up and remove solids and debris from wellbore. This product does not settle or experience oil separations allowing for efficient quick mixes and sweeps without the need for elaborate and expensive mixing equipment and more accurate metering of active products resulting in improved fluid performance. Packaging consists 5 gallon pails (32 per pallet) and IBC (totes) 275 gallons.

### *Advantages*

- Extremely stable suspension
- Highly effective viscosifier
- Works well in light to saturated brines
- Increases carrying capacity of fluid
- Easy to handle and mixes well in low shear rate environments
- No “fisheyes”
- Compatible with anionic and nonionic additives

### *Mixing/Treatment*

Low-shear mixing equipment is sufficient to provide thorough dispersion and homogeneous mixtures. Gel Sweep HB is utilized for medium to high brines and is recommended in a more complex brine application where the TDS can range from 50-150K mg/L. Sunrise recommends to use 5-10 gallons per 1—15bbl pill in order obtain sufficient sweep viscosities (concentration will vary according to job requirement).

Note: Use Gel Sweep (no HB) in freshwater to light brines (< 20K mg/L TDS). It works well in monovalent brine waters.

### *Handling/ Storage*

Do not breathe vapors/ dust. Avoid exposure, obtain special instructions before use. Avoid contact with skin and eyes. Provide sufficient air exchange and/ or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Product very Slippery when wet.

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Store away from Acids, Oxidizers.

See SDS for more information