

The New

# SANDBUSTER

By KAJON OIL TOOLS



A Simple patented solution for sand problems in rod pumps. The unique design prevents sand or solids from being forced between the plunger and the working barrel.

- Prevents sand cut plungers and barrels
- Extends pump life
- Maintains pump efficiency
- No stuck plungers
- Fits all API pumps
- Works on PAP plungers
- Stainless Steel Construction
- Elastoplastic wipers good to 475 F

Kajon has developed a new fluoropolymer wiper capable of operating at temperatures up to 475 degrees Fahrenheit while remaining extremely resistant to abrasion and oilfield chemicals.

Kajon's new slick plastic wipers with a shore D hardness of 67 will not allow wellbore abrasives to become imbedded.

The new Sandbuster's fluoropolymer wiper has excellent resistance to benzene, diethylene glycol, calcium chloride, ethanol, hydrochloric acid 2.5%, hydrochloric acid 5.0%, hydrochloric 15%, methanol, phosphoric acid, potassium carbonate, potassium hydroxide, sodium acetate, sodium carbonate, sodium nitrate, sulfuric acid, toluene, and xylene.

## TOP ASSEMBLY



Mounts on Top of Plunger

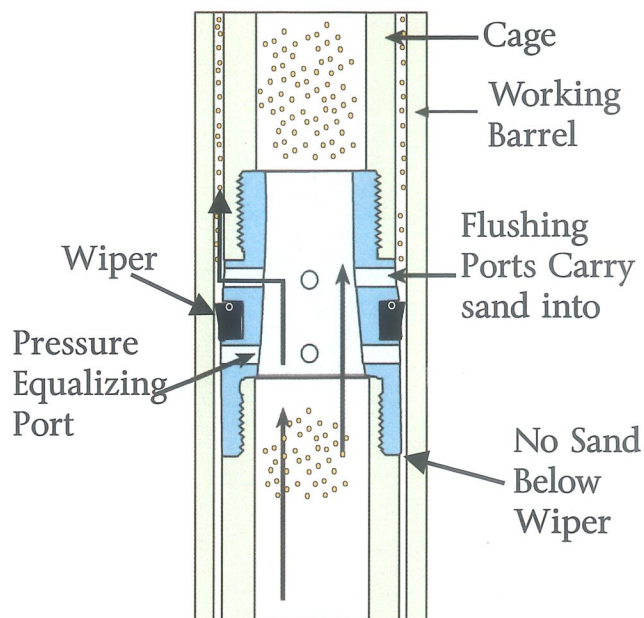
## BOTTOM ASSEMBLY



Replaces Seat Plug

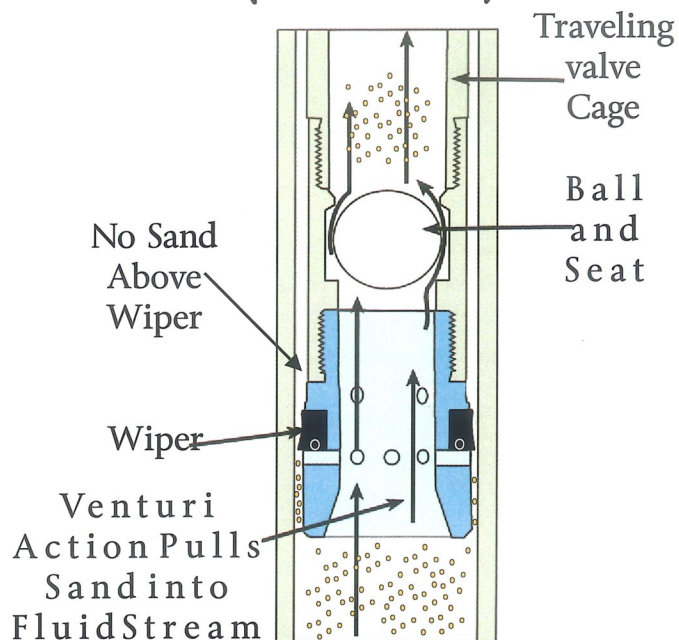
# SANDBUSTER

The **SANDBUSTER** top is attached to the top of the plunger below the plunger cage. On the down stroke, production fluid passes through the **SANDBUSTER** where flow is slightly restricted by the cone-shaped inside, forcing fluid through radial holes on top of the wiper. The flushing action causes any accumulated sand to be carried upstream with the produced fluid. Radial holes on each side of the wiper equalize pressure on both sides of the wiper.



**Top Assembly  
(Downstroke)**

The bottom **SANDBUSTER** replaces the seat plug. Its ventura shape causes trapped sand or solids to be pulled into the main stream of produced fluid on the down stroke, and flushed from the plunger barrel contact area.



**Bottom Assembly  
(Downstroke)**

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