

You Don't Have to Sweep to Clean

Hydroclean™ reduces or eliminates cuttings and torque problems associated with highly deviated and extended reach wells.

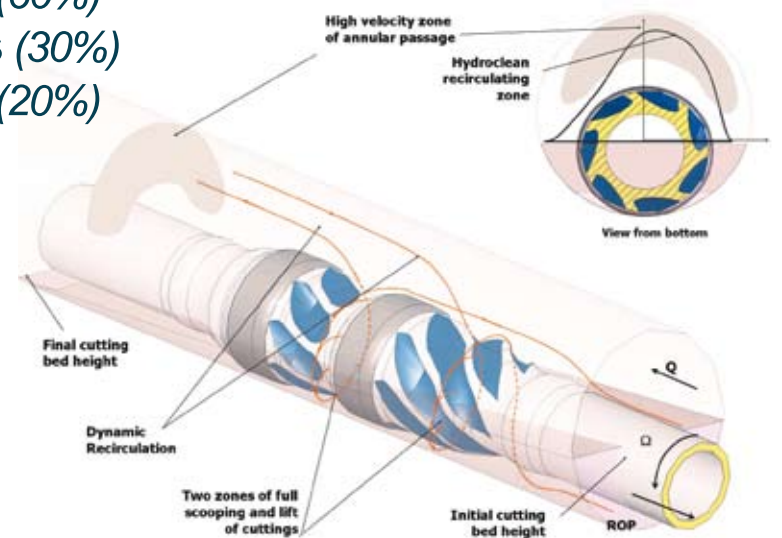


HYDROCLEAN™ Hydroclean™ drill pipe and heavyweight from VAM Drilling is specially designed to improve hole-cleaning performance in high angle, horizontal and extended reach wells. The unique combination of cleaning and bearing profiles on the pipe ensure optimum drilling performance while dramatically reducing non-productive time.

Hydroclean provides full and immediate degradation of cutting beds through improved recirculation of cuttings into the high velocity flow area.

When properly spaced in the drillstring, Hydroclean provides:

- **Reduced operating costs thru reduction of wiper trips, backreaming and sweeps**
- **Improved hole-cleaning efficiency (60%) reduction in torque and drag loads (30%) and reduced non-productive time (20%)**
- **Optimized hydraulics and pressure management**



Hydroclean™ Drill Pipe

Nominal Pipe Size (in)	Full Dual OD (in)	Tool Joint OD (in)	Tool Joint ID (in)
2-7/8	5	4-3/8	2
3-1/2	5-5/8	5	2-5/8
4	6-1/8	5-1/2	3
4-1/2	6-5/8	6	3-1/2
5	7-1/4	6-5/8	4
5-1/2	7-3/4	7	4-1/2
5-7/8	8-1/4	7-1/2	4-7/8
6-5/8	8-3/4	8	5-1/2

Hydroclean™ Heavyweight

Nominal Pipe Size (in)	Full Dual OD (in)	Tool Joint OD (in)	Tool Joint ID (in)
2-7/8	5	4-3/8	1-1/2
3-1/2	5-5/8	5	2
4	6-1/8	5-1/2	2-1/2
4-1/2	6-5/8	6	2-3/4
5	7-1/4	6-5/8	3
5-1/2	7-3/4	7	3-3/4
5-7/8	8-1/4	7-1/2	4
6-5/8	8-3/4	8	4-1/2

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