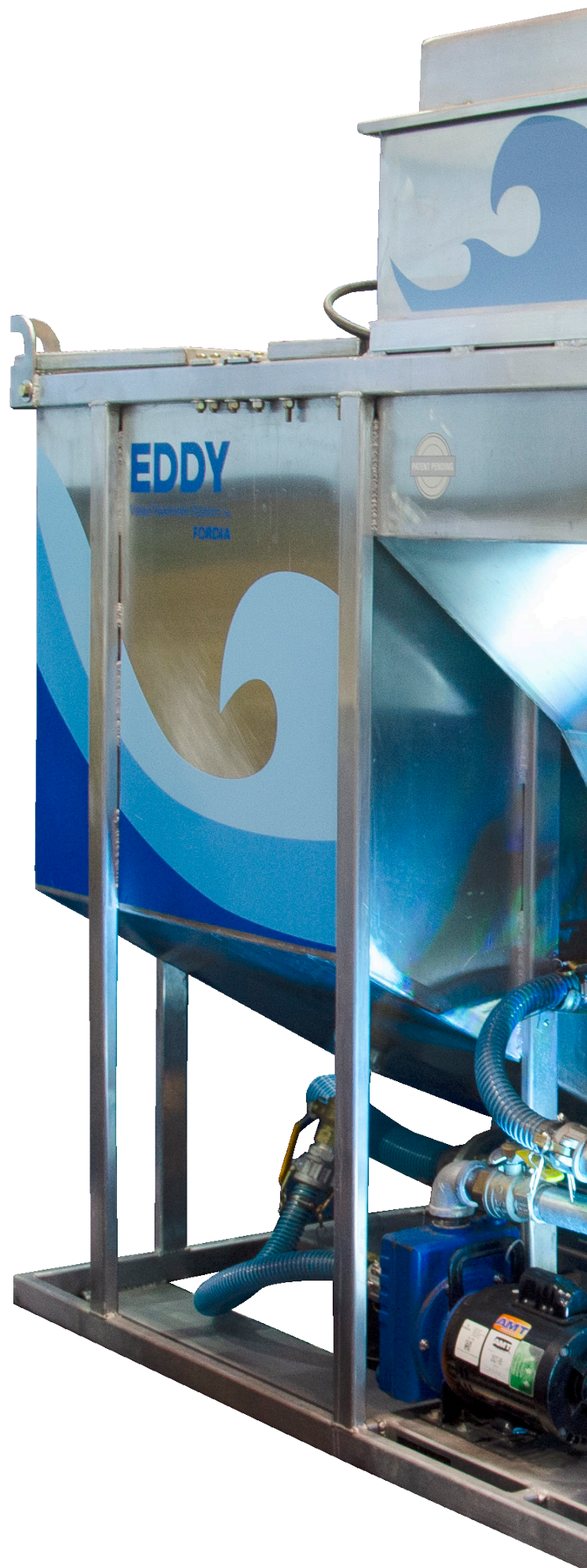


EDDY FLOC®

DRILLING WITHOUT ADDITIVES

*ON THE EDDY WATER TREATMENT
SYSTEM*



FORDIA®

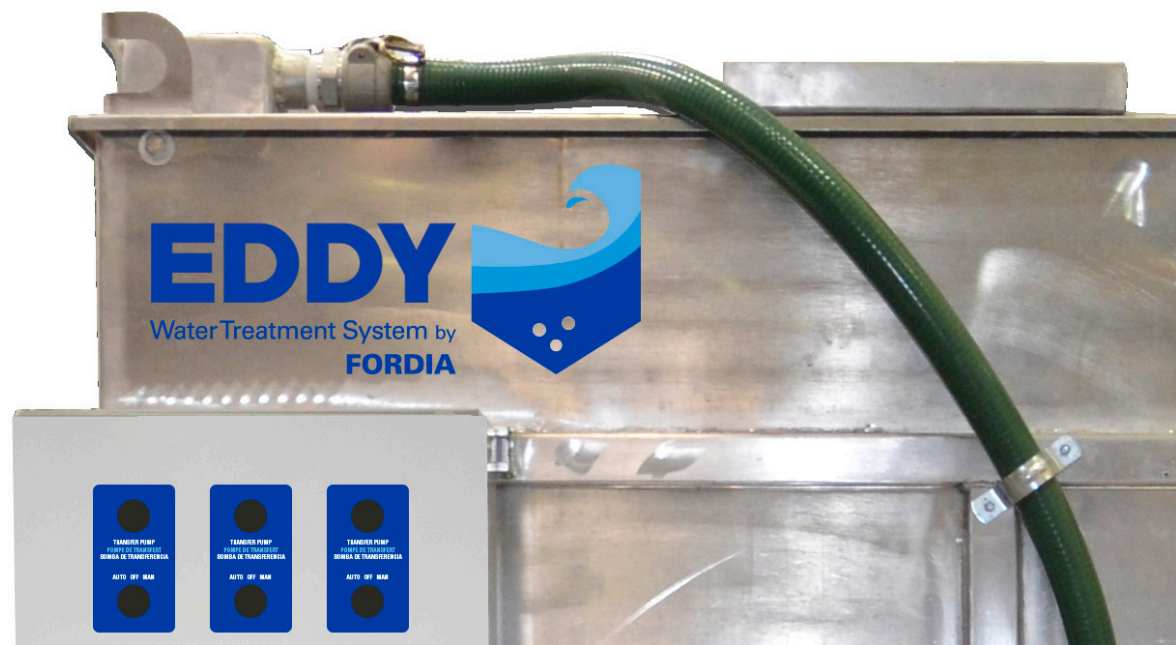
WHAT IS DRILLING WITHOUT ADDITIVES?

- Drilling using only water.
- Use of rod grease is possible.
- In this case, Fordia's system uses the Eddy Floc product.

USING EDDY FLOC

- Powder based product
- Premeasured in 250 gram bags.
- Each bag should be mixed with 115 litres of clean water for 1.5 hours before being used. Containers as well as a small mixer are supplied with the system.

ATTENTION Empty the contents of the bag gradually into the water. Emptying too quickly will cause clumping and will make mixing difficult.



DECANTATION TEST

During start-up and operation, it is necessary to perform decantation tests regularly to ensure the system is functioning properly.

Follow this procedure:

1. Make sure that the used drill water coming up to the system contains enough cuttings.
2. Activate the metering pump and set the injection rate to 20% according to the dial on the pump's screen.
3. Use the control panel to set the metering pump on automatic mode.

ATTENTION : Make sure to check the rotation direction. (See the Operation Manual –Control Panel – Metering Pump for more information.)

4. Activate the transfer pump (in manual mode) and allow it to operate for 10 seconds.
5. Take a sample of fluid from the entrance of the settling tank.

The sample should give the following results:



In the above photo, you can see that the solids have settled to the bottom of the container. This is the result you should obtain after 15-20 seconds.

If you do not achieve these results, test the viscosity of the fluid in the suspension tank. If the viscosity is more than 30 seconds, you may not have injected enough Eddy Flocc. Gradually increase the injection ratio (%) on the metering pump.

When decantation is working well, use the control panel to set system to automatic mode on the metering pump and the transfer pump, if not already done.

Continue performing decantation tests regularly as well as viscosity tests to make sure the operation is monitored well.

ADJUSTING AND CONTROLLING INJECTIONS

- Is done by % of injection.
- Percentage of Eddy Flocc is calculated with the decantation test.
- If decantation is not optimal, you must increase the % of Eddy Flocc injection.

ATTENTION Too much Eddy Flocc could lead to flocculation of the drilling solids in the hole causing problems.



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