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Rental Equipment

The people at North East Mud Services are serious about providing not only the best mud products and engineering services in the Northeast. We are always looking at ways to help you, the customer, with all of your drill fluid and work over fluid needs. The following is a collection of equipment that NEMSCO has available for rent today.

Mud-Handling and Mixing Equipment

NEMSCO Portable Mini Mixing Hopper

The NEMSCO mini mixing hopper features two piece, easy-to-carry construction. This piece of equipment rigs up in seconds. This hopper can mix at the rate of between 250 and 600 gallons per minute.



For rental rates, please call our home office.

NOTE: Included are 2- 3" cam-lock hoses, a suction screen (if required), and 4" PVC pipe to direct the fluid discharge.

NOTE: Customer must supply gasoline for the mixing pump. All equipment must be cleaned prior to its return.

*NEMSCO also has available mixing hoppers that are jetted to be used with positive displacement mud pumps.

NEMSCO Soap Tank

The NEMSCO soap tank features a two compartment tank, mounted on a small platform skid. A porch that projects from the tank is fitted with a mini mixing hopper. The capacity of each compartment in this tank is 18 bbl. It is also manifolded to be able to mix on one side, while pumping down hole out of the other side.



For rental rates, please call our home office or go to the “Contact Us” page.

NOTE: Customer must supply gasoline for the Honda pump. All equipment must be cleaned prior to its return.

NEMSCO Service Rig Tanks



These units have a 155 bbl capacity with three compartments. The porch on the end of the tank features a diesel engine, 5” x 6” centrifugal pump and a stationary mixing hopper. The possum belly of the hydraulically-powered shale shaker is fitted with 6” connections for easy connection to the rig’s flow line. The suction for the mud pump can receive up to an 8” suction pipe.

For rental rates, please call our home office or go to the “Contact Us” page.

NOTE: Hoses and fittings for “manifolding” this service rig tank to a storage tank battery are additional. Customer will be responsible for fuel for the diesel engine. The tank must be thoroughly cleaned prior to its return.

Open-Top Tanks

NEMSCO has available 4- 200 bbl open top mud tanks and 1- 250 bbl tank. Most of these tanks have stirring guns installed. This tank can be rigged up as a stand-alone unit or it can be coupled with the NEMSCO service rig tank for a two-tank mud system.



This tank can be coupled with one of NEMSCO's mixing skids. This arrangement makes for a highly efficient mud-mixing plant.

For very simple mud mixing, one of NEMSCO's mini mixing hoppers and a Honda trash pump will produce a nice fluid system in short order.



For rental rates, please call our home office or go to the "Contact Us" page.

NOTE: Tanks must be thoroughly cleaned prior to their return.

NEMSCO Mixing Skid

NEMSCO has available two mixing skids at this time. One has a 60 hp engine with a 5" x 6" centrifugal pump (1,200 gpm). The other unit has a 150 hp diesel engine with a 6" x 8" centrifugal pump (2,000 gpm).



Both of these units feature a stationary mixing hopper. The discharge manifold is designed for transferring fluid to and from the mixing tank at high speed.

For rental rates, please call our home office or go to the “Contact Us” page.

NOTE: Customer is responsible for fuel. NEMSCO will provide 1 discharge hose and suction connections with this mixing skid. All other hoses and fittings for “manifolding” to a storage tank battery are additional. The unit must be thoroughly cleaned prior to its return.

Solids Control Equipment

North East Mud Services has acquired a diverse line of solids control equipment. We can provide solids control for shallow drilling and we also have highly efficient equipment for deep drilling.

Brandt NOV D-285P Linear shakers

These units are the very best linear shakers on the market today. Each shaker features three pre-tensioned shaker screens with a full 26 square feet of screened surface area. These units can generate up to 7.5 g's of separation force when fully loaded.



These shakers are top-of-the-line when it comes to linear shakers. NEMSCO presently has 8 of these units in its inventory.

The adjustable tilt on the baskets makes the machine much more forgiving when it comes to screen selection.

These shakers come equipped with a cuttings chute. Also included is an electric cord that will reach to the drilling contractor's generator house. (480 Volt/3-phase power)

NEMSCO has qualified solids control technicians that can man this unit(s) for you. These men are very experienced with all types of fluids.



For rental rates, please call our home office or go to the "Contact Us" page.

NOTE: This unit will require NEMSCO's crane truck to set in place. A welder will be required to install mounting blocks on the drilling contractor's mud tanks. The NEMSCO solids control technicians can assist with this task. These units must be thoroughly cleaned prior to their return.

Fluid Systems FS-500 Linear Shakers

These units are much lighter and more portable than the NOV shakers shown on the previous page. Although these shakers are not as efficient as the NOV, they make up for it in the ability to rig these units up on just about any mud job.

They feature three pre-tensioned screens for a total surface area of 25 square feet. These units can generate upwards of 5 g's of separation force.



Because these units are $\frac{3}{4}$ the size of the NOV shakers, they are much more suited for short-duration drilling jobs.

For rental rates, please call our home office or go to the “Contact Us” Page.

NOTE: The NEMSCO solids control technician will assist you with the shaker set up. A welder may or may not be required for this rig up. If two shakers are required for your job, NEMSCO can supply a flow line manifold for this operation. These shakers require 480 volt/3-phase power. These units must be thoroughly cleaned prior to their return.



Hutchison-Hayes Centrifuges

If you want the best in high-performance solids control, this is it. The Hutchison-Hayes centrifuge packs the most performance in the smallest package. NEMSCO has 7 centrifuges in its fleet at present. The 1448 HD and the 5500 get the rest of the dirt out of the mud that the linear shakers couldn't catch.



These machines can process over 200 gallons per minute and eliminate drill solids down to 4 microns in size. If you want total solids control for maximum penetration rates, these centrifuges will help you to get the job done.

For rental rates, please call our home office or go to the “Contact Us” page.

NOTE: These units require either 100 amp or 200 amp, 480 volt power. They also require a crane to set the stand and the centrifuge. NEMSCO has capable people to set these machines up. We strongly recommend that you enlist at least one qualified NEMSCO solids control technician to monitor this centrifuge(s) as you are drilling.



Two NOV linear shakers on right w/centrifuge to the left

Generators

North East Mud Services Company has generators to power the electrical equipment listed above if the drilling contractor's generators cannot provide sufficient power. These generators are fully serviced before, during and after each job that they are sent out to. NEMSCO has capable people to set these generators and machines up.

125 KW Olympian Generator:

This unit is skid-mounted. It has 480 volt 3-phase, 240 volt 3-phase, 230 volt single-phase and 120 volt power. It is capable of operating one centrifuge and two linear shakers with power to spare for lighting.

70 KW Whisper-watt Generator:

This generator is axle-mounted for portability. It has the capability for 480 volt 3-phase, or 240 volt 3-phase power. It will operate one 1448 HD centrifuge or it will comfortably operate two linear shakers with power to spare for lighting.

For rental rates and availability of generators, please call our home office or go to the "Contact Us" page.

Mud/Gas Separators

North East Mud Services Company has a line of mud/gas separators (“gas busters”) available. These units are 4’ x 12’ vessels for the most efficient fluid and gas separation for most applications here in the Northeast US.



MISWACO rents mud/gas separators to NEMSCO. We have one of these units available for rent here in the Northeast.

For ease of transport, this vessel is simply lowered into the frame and the handrails are folded down.

The blue vessel to the right is NEMSCO’s own mud/gas separator. We now have three of these units available here in the Northeast. These units come skid-mounted and are stood up by the NEMSCO crane truck.

All of these mud/gas separators come with 80 feet of 6” steel vent pipe. The fluid/gas inlet will be 4” female thread. The fluid leg outlet will be a 6” series 150 flange connection.



For rental rates, please call our home office or go to the “Contact Us” page.

NOTE: All mud/gas separators shown above have adjustable height so as to fit the drilling contractor’s mud tank height/shaker height. Customer is responsible for plumbing and labor to connect the fluid/gas inlet from the choke manifold and for connecting the 6” fluid leg to the drilling mud system. All equipment must be thoroughly prior to its return.

North East Mud Services Company is a cutting-edge fluids services company. We are continuously looking at new ideas in fluid additives and new-generation fluid-handling equipment. For additional information about our company, please visit our web site at www.nemud.com.

Thank you.

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