
TORQ-TROL II

DESCRIPTION Torq-Trol II is an amber liquid with the principal composition being a sodium salt of sulfated vegetable oil. Torq-Trol II is both oil and water soluble.

APPLICATION Torq-Trol II can be used in fresh water and salt water mud systems. It can also be added to sodium chloride, potassium chloride, or calcium chloride brines.

Reducing Torque and Drag: Torq-Trol II is recommended to improve the lubricity of drilling and completion fluids. It reduces friction between the drill string and walls of the hole. Torque and drag common in crooked and directional holes can be minimized.

Control of Bit Balling: Soft shales have less tendency to adhere to bits and drill collars when Torq-Trol II is present in the drilling fluid.

Freeing Stuck Pipe: Torq-Trol II concentrated in a pill of drilling mud will help free differentially stuck pipe.

Corrosion Protection: Drilling and completion fluids treated with Torq-Trol II are less corrosive.

General Purpose Lubrication: Torq-Trol II can be sprayed on moving parts or exposed steel surfaces to lubricate and protect metal from corrosive attack. It is an excellent penetrating lubricant.

HANDLING Torq-Trol II should be added directly at the pump suction. To reduce torque and drag, additions of 4-6 l/m³ are recommended.

For bit balling, add 6-12 l/m³ Torq-Trol II at the suction. Maintain by adding a small stream of Torq-Trol II while drilling. To avoid differential pressure sticking maintain 15-25 l/m³ Torq-Trol II in the mud system. For use as a spotting fluid, mix 20-25 l/m³ in an 8-10 m³ pill of diesel or crude oil and spot across the stuck zone.

NOTE: See disclaimer for supplier responsibility.

MUDCO Services Ltd.

920, 540 Fifth Avenue SW
Calgary, Alberta T2P 0M2
Bus: (403) 269-5359 Fax: 262-1547

PRODUCT DATA

Lubricants.doc

NOTE: The addition of Torq-Trol II will cause foaming in some mud systems. A pretreatment of 3-5 pails of XL Defoamer is recommended prior to any additions of Torq-Trol II.

WHMIS	Controlled (See MSDS)
TDG	Not Regulated
PACKAGING	205 L drums 20 L pail

FUNCTIONAL EQUIVALENT(S)
TDL-22

NOTE: See disclaimer for supplier responsibility.