



NuKlean HDT 333 Heavy-duty, highly alkaline, low-temperature chelated liquid cleaner. Pulp & paper felt cleaner.

Application Notes:

NuGeneration Technologies' NuKlean HDT 333 is a heavy -duty, highly alkaline, chelated liquid cleaner. Low-foaming for use in both spray and tank applications. An Excellent choice for coil cleaning, the fast acting surfactants remove soils and rinse quickly. NuKlean HDT 333 can be used at ambient temperatures for the most demanding cleaning jobs on ferrous metals and stainless steels. Chelated to work well in hard water.

Removes: inks, polishing and buffing compounds, particulates, grease, oils, dirt, fingerprints, drawing compounds, metalworking fluids and carbonaceous deposits.

Application Procedure:

NuKlean HDT 333 is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at ambient to 185 °F for 5 seconds to 5 minutes. (Note: use at higher temperatures for faster cleaning). The parameters can vary due to the type and extent of soils to be removed. Temperatures may be increase slightly for shorter time cycles. Not safe on Aluminum, aluminum alloys, or zinc.

Typical usage parameters:

NuKlean HDT 333	
Description	Highly alkaline cleaner
Concentration Range – Spray	1%-5%
Concentration Range – Immersion	2%-10%
Operating temps – Spray	ambient to 185 °F
Operating temps – Immersion	ambient to 185 °F
Process times	5 seconds to 5 minutes

Physical Properties:

NuKlean HDT 333	
pH, concentrate	14
pH, @ 5% b.v.	13.2
Bulk Density, #/gal	11.2
Flash point	None
Solubility in water	Complete
Biodegradable	Yes
Chelates	Yes
Corrosive	Yes
Ozone friendly	Yes
Silicates	NO



Availability: Available in 5, 55 and 300 gallon containers. Bulk tank shipments also available.

Shipment: Freight classification is "cleaning compound Liquid, 8, PG III (potassium hydroxide and sodium hydroxide mixture), UN 1760."

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-120 °F.

⁽¹⁾**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or e-mail: info@nugentec.com.

