

# Soil Based Detergent Selection

<b>SOILS</b>	<b>DETERGENT TYPE</b>
<b>Heavy scales</b>	<b>Mineral-acid cleaner (pH 0 - 2)</b>
<b>Inorganic salts, water, and soluble metal complexes</b>	<b>Mild acid (pH 2 - 5.5)</b>
<b>Light oils, small particulates</b>	<b>Neutral (pH 5.5 - 8.5)</b>
<b>Oils, particulates, films</b>	<b>Mild alkaline (pH 8.5 - 11)</b>
<b>Oils, fats, proteins</b>	<b>Alkaline (pH 11 - 12.5)</b>
<b>Heavy grease, soils</b>	<b>Corrosive Alkaline (pH 12.5 - 14)</b>