



MECWASH CHEMICAL CONSIDERATIONS

CHEMICAL	APPLICATION/pH
AC-20	<p>pH6.5 (concentrate) / 7 (working dilution)</p> <ul style="list-style-type: none"> •Mild chemistry base for brass, steel and aluminium alloys, brightens aluminium and brass; •Very low residue cleaner, free of caustics and silicates; •Suitable for single stage process without rinse; •Removal of light soluble oils; •Short term rust inhibition on ferrous parts
AC-20 IF	<p>pH6.5 (concentrate) / 7 (working dilution)</p> <ul style="list-style-type: none"> •Inhibitor free mild chemistry base for brass and aluminium alloys; •Brightens aluminium and brass; •Very low residue cleaner, free of caustics and silicates; •Suitable for single stage process without rinse; •Removal of light soluble oils; Ideal for yellow metal alloys; •Not for ferrous.
AC-25	<p>pH9.5 (concentrate) / 9 (working dilution) - Use from 20°C to 85°C</p> <ul style="list-style-type: none"> •Mild chemistry base; •Multi-metal inhibitor and cleaner; Low residue, free of caustics and silicates; •Very low foam; •Excellent corrosion protection; •Removal of light to medium oils; •‘Rust Inhibitor’ additive in rinse tanks for ferrous parts; •Needs rinse for brass parts.
AC-25 EAF	<p>pH9.5 (concentrate) / 9 (working dilution)</p> <p>As for AC25 with the addition of extra anti-foam</p>
AC-25 B	<p>pH12 (concentrate) / 11 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity base; •Multi-metal use; •Low foam; •Enhanced ferrous corrosion protection; •Enhanced oil emulsifying properties for use in high mineral oil content applications. •Needs rinse for machined surfaces and all aluminium and brass parts.



CHEMICAL	APPLICATION/pH
AC-30	<p>pH12.0 (concentrate) / 10.6 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity, free of caustics and silicates; •High detergency; •Removes coolants, oils and greases; •Short term rust inhibition for mild steel; Highly effective on stainless steel, plastics and plastic containers; •Low residue; •Not for aluminium or brass.
AC-32	<p>pH10.5 (concentrate) / 10 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity, free of caustics and silicates; •High detergency; •Removes coolants, oils and greases; •Multi-metal compatibility; low foam with rust inhibition; •Needs rinse for brass parts.
AC-32 R	<p>pH10.5 (concentrate) / 10 (working dilution)</p> <p>As for AC32 with additional multi-metal protection</p>
AC-32 P	<p>pH10.5 (concentrate) / 10 (working dilution)</p> <p>As for AC32 with enhanced ferrous protection.</p>
AC-32 S	<p>pH10.5 (concentrate) / 10 (working dilution)</p> <p>As for AC32 with enhanced oil splitting properties for use in high mineral oil and emulsified oil content applications.</p> <ul style="list-style-type: none"> •Needs rinse for machined surfaces and all aluminium and brass parts.
AC-33	<p>pH12 (concentrate) / 11.5 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity cleaner for plastics; •Can also be used for ferrous parts, but not suitable for non-ferrous alloys; •Needs a rinse.
AC-37	<p>pH12 (concentrate) / 11.5 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity; Low foam, Multi-metal; •Multi-soil; Recommended for all aluminium alloys; •Contains silicates; •Excellent for high neat oil load situations due to rapid oil split; •Needs rinse for machined surfaces and all aluminium and brass parts.



CHEMICAL	APPLICATION/pH
AC-38	<p>pH11 (concentrate) / 10.5 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity, silicate free; •Enhanced detergency for removing tenacious oils, greases and other contaminants; •Low foam; •Excellent rust inhibition; •Suitable for both cast iron components and multi-metal applications; •Needs rinse for brass parts.
AC-38 HS	<p>pH11 (concentrate) / 10.5 (working dilution)</p> <p>As AC38 with improved high pressure foam characteristics and anti-shear performance.</p>
AC-38 X	<p>pH11 (concentrate) / 10.5 (working dilution)</p> <ul style="list-style-type: none"> •As AC38 with enhanced brightening for brass and aluminium; •Not recommended for Spray washing; •Needs rinse for brass parts.
AC-39	<p>pH11 (concentrate) / 10.5 (working dilution)</p> <ul style="list-style-type: none"> •Medium alkalinity; •Enhanced detergency for removing tenacious oils, greases and other contaminants; •Low foam; •Excellent rust inhibition; •Suitable for both cast iron components and multi-metal applications; •Enhanced oil splitting properties for use in high mineral oil and emulsified oil content applications; •Needs rinse for machined surfaces and all aluminium and brass parts.
AC-42	<p>pH12.5 (concentrate) / 12 (working solution)</p> <ul style="list-style-type: none"> •High alkalinity, high detergency multi-metal cleaner and inhibitor for removing tenacious oils, greases and other contaminants; •Low foam properties; •Contains silicates; •Excellent rust inhibition; •Suitable for both cast iron components and multi-metal applications; •Needs rinse for machined surfaces and all aluminium and brass parts.



CHEMICAL	APPLICATION/pH
AC-43	<p>pH12.5 (concentrate) / 12 (working dilution)</p> <ul style="list-style-type: none"> •High alkalinity, high detergency multi-metal cleaner and inhibitor with low foam properties; •Contains silicates; •Enhanced oil splitting properties and for use with highly tenacious greases and drawing oils; •Needs rinse for machined surfaces and all aluminium and brass parts.
AC-44	<p>pH12 (concentrate) / 11.5 (working dilution)</p> <ul style="list-style-type: none"> •High alkalinity, silicate free; •High detergency with extra power for removing tenacious oils, greases and other contaminants; •Multi-metal compatibility; Low foam, excellent rust inhibition; •Recommended for cast iron components, but also suitable for multi-metal applications; •Needs rinse for machined surfaces and all aluminium and brass parts.
AC-44 S	<p>pH12 (concentrate) / 11.5 (working dilution)</p> <ul style="list-style-type: none"> •As AC44, with enhanced oil splitting properties for use in high mineral oil and emulsified oil content applications; •Needs rinse for machined surfaces and all aluminium and brass parts.
AC-44 F	<p>pH12 (concentrate) / 11.5 (working dilution)</p> <ul style="list-style-type: none"> •As AC44, with both, enhanced oil splitting properties and enhanced caustic power for removing tenacious greases, oils and localised ferrous corrosion; •Not for aluminium and brass parts.
AC-46	<p>pH11 (concentrate) / 10.5 (working dilution)</p> <ul style="list-style-type: none"> •Moderate alkalinity multi-metal Polishing Compound Cleaner and inhibitor with high detergency. •Low foam properties; Excellent rust inhibition; •Needs rinse for machined surfaces and all aluminium and brass parts.

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