

CLEANERS

QUAKERCLEAN® 624 JBS DUAL PURPOSE CLEANER AND METAL PRESERVATIVE APPLICATION SHEET

BENEFITS

- » Cleans and protects metal surfaces in one step while keeping inventory costs low and provides 30-60 days of corrosion protection to the metal surface when not rinsed
- » Safe for use on both ferrous and non-ferrous metals. This single product can be used for two applications reducing inventory and costs
- » Moderate pH which makes product very worker compatible
- » Low foam generation at temperatures up to 150°F which means less product consumption, lower costs and prevents pump cavitation
- » Hard water compatibility and imperceptible film on parts facilitates gauging and the handling of parts

APPLICATIONS

QUAKERCLEAN® 624 JBS is a mild alkaline liquid that simultaneously cleans and protects metal surfaces in a single processing step. This product is designed for ferrous (steel and cast iron) alloys and non-ferrous (aluminum) alloys.

CORPORATE APPROVALS

- » CORPORATE APPROVALS
- » Caterpillar # 3-9837336
- » Chrysler NPM # 12-270-6050
- » Ford TOX # 175019
- » General Motors HMCS ID 1182432

CUSTOMERS

- » Chrysler
- » Ford
- » General Motors
- » Timken
- » TRW

PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Clear to slightly hazy light yellow
Pounds per gallon at 60°F	8.64 lbs/gal
Neat pH	10.4
Odor	Surfactant
Flash Point via COC	Boils at 212°F / 100°C
Appearance (10% dilution)	Clear, light yellow solution
pH (5% distilled water)	9.9



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FLUID MAINTENANCE

This product can be used in one- or multi-stage spray and immersion systems as defined below.

SPRAY EQUIPMENT

Concentration	3-5% by volume
Temperature	Ambient to 150°F
Pressure	5-60 psi
Contact Time	Dependent on soil condition of part

IMMERSION EQUIPMENT

Concentration	3-8% by Volume
Temperature	Ambient to 150°F
Contact Time	2 - 10 minutes

Water rinsing is not necessary as the residual film will provide short-term indoor corrosion protection. An Alkalinity Titration to determine the concentration of this product is available upon request. Please consult with your Quaker representative.

STORAGE AND HANDLING

QUAKERCLEAN® 624 JBS is available in drums (54 gal/479 lb) or totes (320 gal/2765 lb). All containers are filled to volume by weight.

This product has a shelf life of 6 months. Like most chemicals, it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 100°F (38°C).

PROCESS COMPATIBILITY

To enhance process compatibility, use Quaker metalworking fluids and cleaners.

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