



Product Data

Techniclean™ 3660

Alkaline process spray cleaner

Description

Castrol Techniclean™ 3660 is an aqueous, alkaline spray cleaning fluid, containing highly effective surfactants and corrosion inhibitors. The product is free from nitrates, phosphates and silicates.

Application

Techniclean 3660 is designed to clean light to moderate soils from a wide variety of metals, suitable for use in a wide range of industrial spray and intensive flood wash machines.

Techniclean 3660 effectively removes light drawing and stamping fluids, light oils and honing fluids, semi-synthetic and soluble oil cutting and grinding fluids, synthetic cutting and grinding fluids as well as swarf, dust and dirt.

Excellent in-house corrosion protection can be achieved with concentrations above 3%.

Conditions of Use

	Spray	Mass Vibratory Finishing
Concentration Range:	2- 5%	3 - 5%
Temperature Range:	ambient - 150 °F (66 °C)	ambient - 150 °F (66 °C)

Lower temperatures and concentrations are recommended for aluminum alloys.

Concentrations above 3% are recommended for superior corrosion protection on ferrous metals.

Advantages

- Unique formulation rejects oils and significantly extends bath life which helps reducing maintenance cost
- Low pH allows use on a wide variety of metals enabling possible product and inventory consolidation
- Excellent in-house corrosion protection properties support minimizing the scrap-rate
- Superior bioresistance and low foam characteristic allows low temperature cleaning which helps reducing energy cost

Typical Characteristics

Description	Test Method	Unit	Techniclean 3660
Appearance of Concentrate	CN-TM-007	-	clear, slight yellow to amber liquid
Specific Gravity @ 15 °C	CN-TM-084	-	1.03 - 1.06
pH of Concentrate	CN-TM-069	-	9.0 - 9.5
pH of Solution @ 5% in DI-water	CN-TM-069	-	8.6 - 9.2

Concentration Control

With Hach kit:

Add 2 vials of Castrol Kleen 3660 solution and 1 pillow of indicator to mixing bottle.

Count the drops of 1.0 N sulfuric acid required to change the color of the solution from green to pink.

Concentration % (v/v)	1	2	3	4	5	10
Drops	2	4	6	8	10	20

User Advice

- Metal Safety: Techniclean 3660 can be used safely on all ferrous metals and aluminum alloys. Consult your Castrol Sales Engineer for questions regarding compatibility.
- Due to the excellent oil rejection properties of Techniclean 3660, it is recommended that the washer have supplemental oil removal equipment attached.

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