



## Castrol Techniclean 2000

Mildly alkaline, light duty floor cleaner

### Description

Castrol Techniclean™ 2000 is an economical, mildly alkaline, light duty floor cleaner for removing moderate to heavy duty soils. Though it is particularly well suited for floor cleaning, it can also be used for maintenance cleaning such as machine tool cleanouts. Low concentrations of this product will effectively remove lighter soils. Consequently, you can save money by using less concentrate and reducing cleaning fluid purchases. The mild pH of Techniclean 2000 makes it particularly operator friendly.

### Application

Techniclean 2000 effectively removes adhesive compounds, crankcase and light gear oils, grinding oils, heat treat oils, heavy forming oils, high viscosity oils, hydraulic oils, lapping compounds, light forming oils, lubricating greases, medium viscosity cutting oils, polishing compounds, pressing compounds, thin and thick soft-film rust preventives. It is a versatile cleaning fluid that can be used in a variety of cleaning equipment as well as scrubbing floors and as a general maintenance cleaner.

Techniclean 2000 is multi-metal compatible and it can be safely used on ferrous and aluminum substrates. (Consult your Castrol Sales Engineer for questions regarding compatibility.) Although it is particularly well suited for floor cleaning, it can also be used for maintenance cleaning such as machine tool cleanouts.

### Conditions of Use

Concentration Range:	Immersion: 5-20% concentration; Maintenance: 15-20%
Temperature Range:	Immersion: ambient – 60°C; Maintenance: ambient temp.

Lean concentrations of this product will effectively remove lighter soils

### Advantages

- Versatile
- Economical
- Fast-drying, non-slip and no sticky residues when used in floor scrubbing equipment and manual operations
- Ambient temperature operation saves energy and thereby reduces cleaning costs
- Mild pH suitable on all types of flooring

### Typical Characteristics

	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear fluid
pH of Concentrate	CN-TM-069	-	8.0 - 9.5
pH of Solution @ 5%	CN-TM-069	-	8.0 - 9.5
Specific Gravity @ 60°F (16°C)	CN-TM-086	-	1.075 - 1.095
Bulk density	-	lb/gal	9.05

## Concentration Control

By titration:

1. Place (pipette) 50 ml sample of Techniclean 2000 solution into a flask or beaker.
2. Titrate 1.0 N sulfuric acid from a burette until reaching 4.6 on the pH meter.
3. The concentration of the Techniclean 2000 solution in % (v/v) can be calculated by multiplying the volume of 1.0 N sulfuric acid in ml by the concentration factor.
4. Prior to running tests on field samples, follow the above method using a sample of known concentration to obtain the concentration factor.

Concentration factor = % known concentration/ml acid needed to reach the end point.

Castrol, Techniclean, and the Castrol logo are trademarks of Castrol Limited, used under licence

INTERNATIONAL All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK  
[www.castrol.com/industrial](http://www.castrol.com/industrial)