

## Techniclean AS 105

Hydrocarbon solvent cleaner

### Description

Castrol Techniclean™ AS 105 is a low odor, high flash point de-aromatised hydrocarbon solvent cleaner. It has excellent solvency power and is compatible with all metal substrates and most non-metal substrates. Techniclean AS 105 is specifically recommended as an alternative to high volatile and chlorinated solvent cleaners.

### Application

- **Spray / Flood wash** Spray or flood wash application should be carried out in suitable low pressure cleaning equipment.
- **Soak Tank** Components should be fully immersed in neat product. Contact time depends on soil severity.
- **Ultrasonic Tank** Components should be fully immersed in neat product.
- **Wipe Method** Product should be applied neat via hand held spray or brush and the surface is then wiped to a clean finish.

### Advantages

- EC Solvent Directive (1999/13/EC): Solvent is not classified as a volatile organic compound (VOC) at 20°C (68°F)
- Excellent solvency power against animal, vegetable and mineral fats and oils and very low surface tension, allowing the fluid to penetrate into difficult to reach areas – improves parts cleanliness and reduces re-work
- Based on a high flash point solvent with a low aromatic content – improves environment for workforce
- No waste water is produced and solvent can be recycled by distillation – highly effective and yet economical

### Typical Physical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	clear, colourless liquid
Density @ 15°C	ISO 12185	kg/m <sup>3</sup>	820
Density @ 59°C	ISO 12185	lb/gal	6.8
Initial boiling point	ISO 3405	°C (°F)	> 235 (> 455)
Flash Point PMCC	ASTM D 93	°C (°F)	> 101 (> 214)

## User Advice

- May swell some rubber and plastics during long-term contact.
- Should not be used for cleaning live electrical equipment.
- The high flash point solvent supports compliance with the EC Solvent Directive (1999/13/EC). Please note, that its low volatility extends the drying time compared to conventional non-VOC compliant products.

## Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress.

Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

Techniclean AS 105

01 May 2014

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470  
Telephone: +1-888-CASTROL Product Information: +1-877-641-1600  
[www.castrol.com/en\\_us/b2b/home.html](http://www.castrol.com/en_us/b2b/home.html)