



Product Data

## Techniclean AS 105

Hydrocarbon solvent cleaner

### Description

Castrol Techniclean™ AS 105 is a low odour, 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 Characteristics

Name	Method	Units	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 D93	°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.

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