

Castrol CareClean AS 1

Hydrocarbon solvent cleaner

Description

Castrol CareClean™ AS 1 is a fast drying, low odour, isoparaffin based solvent cleaner. It has excellent solvency power and is compatible with all metal substrates and most non-metal substrates.

Application

CareClean AS 1 has been developed specifically as an alternative to chlorinated as well as traditional high aromatic hydrocarbon solvent cleaners.

CareClean AS 1 delivers excellent solvency for mineral oils, fats, greases and other non-polar soils typically found in manufacturing. It is particularly recommended when contact of the parts with water is not desired.

Conditions of Use

CareClean AS 1 can be used in different applications – either manually or in automated 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.
- **Fully sealed Vapour Degreasing Equipment under low pressure**
Product is well experienced for use in fully sealed hydrocarbon vacuum vapour degreasing equipments.
- **Wipe Method**
Product should be applied neat via hand held spray or brush. The surface is then wiped to a clean, dry finish.

Recommended temperature range for use: ambient to 40°C max.

Advantages

- 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
- Fast drying, residue-free finish – increases productivity and minimises scrap-rate
- Based on mild odour isoparaffin solvent with 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

| | Unit | Test Method | Value |
|---------------------|-------------------|-------------|------------------------|
| Appearance | - | Visual | Clear colourless fluid |
| Density @ 15 °C | kg/m ³ | NFT 60-172 | 763 |
| Flash Point | °C | ASTM D 93 | 58 |
| Distillation range | °C | ASTM D 86 | 179 - 192 |
| Aromatics content | ppm | UV | 20 |
| Drying time @ 20 °C | min | - | 12 |

User Advice

- May swell some rubber and plastics during long-term contact.
- Should not be used for cleaning live electrical equipment.
- It must not be used in open vapour degreasing processes.
- It's not suitable for removing oxidized grease unless making use of mechanical support, such as brushing.

Additional Information

APPROVALS

- PSA: Z000151179
- Airbus: ASN42202

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Product should not be stored above 40°C, exposed to hot sun or freezing conditions.

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