# SPINTA OAT YELLOW CONCENTRATE

Product Code: SP-CS-OAT-CONC

**New Technology OAT Antifreeze Concentrate**

## PRODUCT DESCRIPTION

SPINTA OAT YELLOW CONCENTRATE is a universal concentrated coolant based on Organic Acid Technology. The inhibitor package is free from nitrites, amines, phosphates, silicates and borates and helps protect against corrosion, cavitation and deposits in passenger cars, 4WD vehicles and light commercial vehicles. Dilute only with demineralized water.

## APPLICATIONS & BENEFITS

**OAT Technology** Organic-acid inhibitor technology provides long-life corrosion protection without silicates.
**Multi-Metal Protection** Protects brass, steel, cast iron and aluminium components against corrosion and cavitation.
**Long-Life Protection** Source formulation provides up to five years of total protection under appropriate service conditions.

## KEY PERFORMANCE BENEFITS

**Broad Vehicle Coverage** Suitable for many European, Asian and other OEM applications where the listed coolant requirements apply.
**Silicate / Borate Free** Helps prevent gel formation and supports compatibility with many modern cooling-system requirements.
**Adjustable Protection** Dilution with demineralized water allows freezing and boiling protection to be selected for operating conditions.

## SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; suitable-for-use claims as indicated:

- ASTM D 3306
- ASTM D 4985
- ASTM D 6210 (Type I-FF)
- MB 325.5
- BS 6580 (GB)
- FVV Heft R 443 (D)
- AFNOR R 15/601 (F)
- SAE J 1034
- JIS K 2234 (J)
- KSM 2142 (K)
- NATO S 759
- CUNA NC 956-16 (I)
- EMPA (CH)
- UNE 26361-88 (E)
- E/L 1415c (MIL Italy)
- Suitable for use: FIAT 9.55523
- Suitable for use: Iveco 18-1830-A002

Recommendation: Dilute only with demineralized water. Always verify the exact OEM coolant requirement before use or mixing with an existing coolant.

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

| Property | Test Method | Typical Value |
|---|---|---|
| **Nature** | - | Ethylene glycol + inhibitors |
| **Appearance** | Visual | Liquid |
| **Color** | Visual | Yellow |
| **Density @ 20°C, kg/dm³** | ASTM D 1122 | 1.115 |
| **Boiling Point, °C** | ASTM D 1120 | 170 |
| **Flash Point, °C** | ISO 2592 | 111 |
| **pH [50% diluted]** | ASTM D 1287 | min. 7.5 |
| **Corrosion in Glass** | ASTM D 1384 | Exceeds |
| **Alkaline Reserve, ml HCl 0.1N** | ASTM D 1121 | 15.0 |
| **Water Content** | DIN 51777 | max. 3.5% |
| **Miscibility with Water** | - | Complete |
| **Stability with Hard Water** | - | Not precipitate |
| **Dilution 33% product / 67% water** | - | Freezing -18°C / Boiling +104°C |
| **Dilution 50% / 50%** | - | Freezing -38°C / Boiling +108°C |
| **Dilution 60% / 40%** | - | Freezing -48°C / Boiling +111°C |

Note: The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.

## STORAGE, HEALTH & ENVIRONMENT

### STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, containers should be protected from rain and water infiltration. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

### HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

### ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

## ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.
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