

SBK SOUW-32

Product Data Sheet

SBK SOUW-32 is a high-purity Diesel Exhaust Fluid (DEF) formulated with 32.5% automotive-grade urea and demineralized water for use in SCR (Selective Catalytic Reduction) systems of modern diesel engines. It is designed to reduce harmful NOx emissions, improve exhaust after-treatment efficiency, and support compliance with Euro IV, Euro V, and Euro VI emission standards in commercial vehicles, passenger cars, buses, construction equipment, and agricultural machinery.

PERFORMANCE, FEATURES & BENEFITS

- Reduces harmful NOx emissions effectively
- Protects SCR catalyst systems from deposits and contamination
- Manufactured using high-purity automotive urea
- Helps maintain optimal engine emission performance
- Compatible with all vehicles requiring DEF
- Non-toxic, non-flammable, and environmentally safer
- Excellent storage and handling

MAIN APPLICATIONS

- Heavy-duty diesel trucks
- Passenger diesel vehicles with SCR systems
- Buses and commercial fleets
- Agricultural and construction equipment
- Euro IV / V / VI compliant diesel engines

SPECIFICATIONS & RECOMMENDATIONS

- ISO 22241
- DIN 70070
- Suitable for SCR-equipped diesel engines requiring DEF fluid

PRODUCT SPECIFICATIONS

TEST PARAMETER	TYPICAL VALUE	
	MINIMUM	MAXIMUM
Appearance	Clear and bright	Clear and bright
Urea Content % (m/m)	31.8	33.2
Density at 20°C kg/m ³	1087.0	1093.0
Refractive Index at 20 °C	1.3814	1.3843
Alkalinity as NH ₃ % (m/m)	-	0.2
Biuret % (m/m)	-	0.3
Aldehydes mg/kg	-	6
Insoluble matter, mg/kg	-	20
Phosphate (PO ₄), mg/kg	-	0.5
Calcium, mg/kg	-	0.5
Iron, mg/kg	-	0.5
Copper, mg/kg	-	0.2
Zinc, mg/kg	-	0.2
Chromium, mg/kg	-	0.2
Nickel, mg/kg	-	0.2
Aluminum, mg/kg	-	0.5
Magnesium, mg/kg	-	0.5
Sodium, mg/kg	-	0.5
Potassium, mg/kg	-	0.5

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)