



PRODUCT DATA SHEET

Issued on 01Feb 2017

Texas Petrochemical Asia Pacific Pte Ltd

Singapore 629170

Tel: 65-6262 6538

Fax: 65-6262 6537

Website: www.texaslub.com

TEXAS OAT 33% PRE-DILUTED COOLANT/ANTIFREEZE

Long-life Organic Acid Technology (OAT) Coolant 33%
Pre-Diluted

Texas OAT 33% Pre-Diluted Coolant/Antifreeze is a fully formulated, long-life organic additive technology designed for use in both automotive and heavy-duty diesel engine coolant applications. It is "ready-to-use", and is free of silicates, phosphates, borates, nitrites and amines. This product requires no further dilution prior to use.

APPLICATIONS

Texas OAT 33% Pre-Diluted Coolant/Antifreeze is based on Recochem proprietary organic additive technology.

The primary corrosion inhibitors in this product have shown little depletion from original levels during extensive laboratory experiments, controlled fleet trials, and commercial use.

The product is a high performance long life automotive coolant for use in automotive applications, where other similarly formulated products are used. The product can also be used with confidence in light, medium and heavy duty road transport diesel powered vehicles.

The product is ready to use and requires no further dilution prior to use.

PERFORMANCE FEATURES AND BENEFITS

- **Long life organic additive technology**

This product when used in automotive applications is suitable for up to 5 years or 250,000 km, whichever comes first.

- **Free from silicates, phosphates, borates, nitrites and amines**

When use in long haul or heavy-duty applications, there is no need to change initially the fresh coolant with SCAs.

- **Compatibility**

This product is fully compatible with other similarly formulated organic additive technology long life engine coolants. The product is also widely compatible with other silicate-free engine coolants.

- **Extended shelf life**

When stored undercover, away from moisture and direct sunlight, this product should be suitable for use for up to two years after manufacture.

SPECIFICATIONS AND APPROVALS

Texas OAT 33% Pre-Diluted Coolant/Antifreeze is recommended for use where the following industry and OEM specifications are required:

ASTM	D3306 / D4985 / D6210-10 / D7583	GM	DEX-COOL™ <i>(not licensed but suitable for use)</i>
AS / NZS	2108:2004 Type A	FORD	WSS-M97B44-D
AFNOR	NFR 15-601	Renault	Type D
BS	6580	VW	TL 774 F
JIS	K2234	Audi/Porsche	TL 774 F
SAE	J1034 / J1941	Nissan	NES 5059 LLC
DDC	93K217	Peugeot	B71 5110
GM	1825M / 1899M / 6277M , Heavy Truck		



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TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Texas OAT 33% Pre-Diluted Coolant/Antifreeze	Method	Units	Performance
Appearance	Visual		Blue, Clear & Bright Fluid
pH (as is)	ASTM D 1287		7.6 – 8.5
Reserve Alkalinity	ASTM D 11121	mL 0.1N HCL	1.5 min
Specific Gravity (15°C)	ASTM D 1122	Kg/l	1.04 – 1.050
Freeze Point (as is)	ASTM D 1177	°C	-17
Chloride	ASTM D 3634	ppm	25 max
Total Glycol		% w/w	31.0 – 34.0