



Xp³FZ

Heavy-duty Antifreeze

Xp Lab's Heavy-duty Antifreeze **Xp³FZ** is a premium quality antifreeze, which is designed for use in heavy duty diesel engines, and automobile/light duty applications.

CHARACTERISTICS AND BENEFITS

- It contains a chemical inhibitor system, which is Borate Based, with Nitrite to protect diesel engines from liner pitting and corrosion.
- It is low in silicate
- It contains a full charge of heavy-duty chemical inhibitors, compatible with SCA chemical filters
- Formulated with Borate/Nitrite chemistry are recommended for use in Caterpillar, Detroit Diesel, Cummins and other heavy-duty diesel engines.
- Meets or exceeds the performance requirements of the following specifications, and meets the low silicate limits of GM 6038M.

ASTM D-6210	Cummins S/B 3666132	Navistar B-1
ASTM D-3306	Cummins 14603	Freightliner 48-22880
ASTM D-4985	Caterpillar	Chrysler MS 7170 (A&B 1-4)
ASTM D-4340	Detroit Diesel 7SE298	Volvo GM
SAE 1941	John Deere 8650-5	John Deere H24A1
PACCAR	MTU	John Deere H24C1
GM 1825	Case Corp.	MS1710 MACK
GM 1899	Ford New Holland 9-86	EMD M.I. 1748E
TMC RP 329	Thermo-King	Waukesha 4-1974D

PHYSICAL PROPERTIES

	Test	100% Xp3FZ	50/50 Xp3FZ
Color	Visual	Green	Green
Specific Gravity, 60 F	D 1122	1.12	1.071
Pounds per Gallon, 60F	-----	9.344	8.935
pH (Undiluted)	D 1287	10.5	10.5
Reserve Alkalinity (Undiluted)	D 1121	6	2.8 min.
Freeze Point, F (Undiluted)	D 1177	8 max.	-34 max.
Boiling Point, F (Undiluted)	D 1120	325 min.	226 min.
Water, wt% (Approx.)	D 1123	3	48.5
Total Glycol, wt %	-----	95.0 min.	51.0 min.
Glassware Corrosion Test	D 1384	Pass	Pass
Water Pump Cavitation Test	D 2809	Pass	Pass
Aluminum Corrosion Test	D 4340	Pass	Pass
Simulated Service Test	D 2570	Pass	Pass

Xp Lab, Inc.

946 Hawthorn St. San Diego, CA 92101
 Tel. (619) 233-3111 Fax: (619)233-3112
Xp3@xplab.com <http://www.xp3.com>