

Product Name: **CARCOOLANT OEM 774C**

Product number: 13944, 11932, 13945, 13946, 13947, 23477, 23476, 14357, 14358, 24612, 24602, 28211

DESCRIPTION

Carcoolant OEM 774C - mixed with the appropriate amount of water - is used as a cooling and heat transferring fluid in combustion engines. Excessive heat is transferred via the fluid to the radiator where the mixture is cooled by means of airflow. OEM 774C is an ethylene glycol based fluid that provides maintenance-free protection against freezing and boiling but also against corrosion. Extended coolant life, often for the whole life of the engine or vehicle, is obtained through the use of virtually non-depleting corrosion inhibitors.

TYPICAL SPECIFICATION

	OEM 774C, (Havoline AFC)	ASTM D3306, requirements	Method
Ethylene glycol	93,5 % wt. glycol	base	
Inhibitor	5,4 % wt.		
Water	3,5 % wt. max	5 % wt. max	ASTM D1123
Nitrite, amine, phosphate	Nil		
Colour	available in various colours		
Specific gravity/ 20 °C	1,125 (Typ.)	1,110 – 1,145	ASTM D5931
Res. Alkalinity/pH 5,5	16 (Typ.)		ASTM D1121
Boiling point	174° C (Typ.)	> 163° C	ASTM D1120
pH, 20 °C	7,2 (Typ.)		ASTM D1287
Refractive index, 20 °C	1,432 (Typ.)		ASTM D1218

This table shows values for the concentrated OEM 774C. (Typ. = typical values only, no analysis made)

Dilution	50%	40%	33%	Method
pH	8,4 (Typ.)	8,4 (Typ.)	8,6 (Typ.)	ASTM D1287
Initial crystallization °C	< -37 (Typ.)	< -26 (Typ.)	< -18 (Typ.)	ASTM D1177
Freezing protection	- 40 °C (Typ.)	-28°C (Typ.)	-20°C (Typ.)	
Specific gravity 20 °C	1,076 (Typ.)	1,068 (Typ.)	-	ASTM D5931
Res. Alkalinity (pH 5,5)	8,0 (Typ.)	7,0 (Typ.)	-	ASTM D 1121
Hard water stability	no precipitation	-	-	VW PV 1426

This table shows typical values for the dilutions. (Typ. = typical values only, no analysis made)

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