

## AC-8 COOLANT

**Total Heavy Duty Engine Coolant Type A Extended Life Hybrid Acid Technology  
- (Monoethylene Glycol)**

AC-8 is highly recommended for use in automotive diesel engines and light duty diesel where the manufacturer specifies hybrid OAT type coolant.

### PRODUCT INFORMATION





AC-8 is heavy duty full formulation hybrid anti boil/anti freeze coolant with nitrite chemistry. The product is based on a combination of organic technology corrosion inhibitors that contains no silicates, borates, phosphates or amines with conventional technology ingredients included for suitability in a range of vehicles. This product contains nitrite, nitrate and molybdate. This coolant uses nitrite base technology and is suitable to typical measuring techniques. AC-8 in concentrate form contains 90% monoethylene glycol and a heavy duty inhibitor package ensuring ultimate corrosion protection and extended service life when compared with conventional coolants. Anti boil and anti freeze protection is equally afforded with a substantially higher rust and corrosion protection than competitor products. AC-8 is the ultimate in up to date hybrid coolant technology. Provides maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads. Has no deleterious effects on hoses or gaskets. AC-8 protects all metals found in cooling systems and gives excellent protection against cavitation erosion and wet-sleeve liner pitting and significantly increases the operating life of water pumps. AC-8 exceeds corrosion performance levels as detailed in the specifications sections of this PDS. AC-8 is suitable where SCA filters are recommended or required. AC-8 has a service life of up to 6 years / 1,000,000kms / 6,000hrs in light duty diesels. There are obvious environmental advantages as a result of fewer coolant changes. It has a proven record over many years with marine engines, taxi fleets, government departments, bus companies and several large fleet truck companies.

## AC-8 COOLANT

**Total Heavy Duty Engine Coolant Type A Extended Life Hybrid Acid Technology  
 - (Monoethylene Glycol)**

AC-8 is highly recommended for use in automotive diesel engines and light duty diesel where the manufacturer specifies hybrid OAT type coolant.

### TYPICAL PROPERTIES

Coolant Mix	Concentrate	50% Premix
Appearance – (Green, Red or Blue)	Mobile Liquid	Mobile Liquid
pH ASTM D1287	8.6 - 9.7	7.6 - 8.5
Glycol by Weight	90.8%	45.4%
Specific Gravity kg/L ASTM D1122	1.11 - 1.13	1.05 - 1.07
Hazardous	 	 
DG Class	<b>Non DG</b>	<b>Non DG</b>
Freezing Point (oC) ASTM D1177	N/A	-36.20
Boiling Point (oC) ASTM D1120	165.60	108.20
Glassware Corrosion Test ASTM D1384	Pass	Pass
Aluminium Corrosion Test ASTM D4340	Pass	Pass
Water Pump Cavitation Test ASTM D2809	Pass	Pass
Cummins Anti Scale Test per AES14603	Pass	Pass

## AC-8 COOLANT

**Total Heavy Duty Engine Coolant Type A Extended Life Hybrid Acid Technology  
 - (Monoethylene Glycol)**

AC-8 is highly recommended for use in automotive diesel engines and light duty diesel where the manufacturer specifies hybrid OAT type coolant.

### SPECIFICATIONS

TMC RP-338 Extended Life	Case New Holland®	Mercedes Benz® DBL 7700
TMC RP-330	Cummins® CES 14603	Nissan NES M5509
ASTM D-3306	Detroit Diesel® Bulletin 7SE298	Saab Scania® 6901
ASTM D-4985	EMD M.I. 1748E	Toyota TSK 2601G
ASTM D-6211	Ford M97B44-A, ESE FM97B18-C	Waukesha 4-1974D
ASTM D-5216	Freightliner 48 - 22880	Volvo® (Spec No. 1286083)
CID - A - A - 52624	GM® 1899M and 1825M	
SAE J 1034, J1941 and JASO M 324 and JIS K 2234	Iveco®	
	John Deere® 8650-5	
BMW® N 600 69.0	John Deere® JDM HD24	

### TEST RESULTS

#### **ASTM D 1384 - GLASSWARE CORROSION TEST**

<u>Metal</u>	<u>Allowable Weight Loss</u>	<u>Typical Weight Loss AC-8</u>
Copper	10mg / coupon	0.5
Solder	30mg / coupon	1.5
Brass	10mg / coupon	0.2
Steel	10mg / coupon	-0.7
Cast Iron	10mg / coupon	-0.5
Aluminium	30mg / coupon	6.3

#### **ASTM D 4340 - ALUMINIUM HEAT REJECTION TEST**

<u>Allowable Weight Loss</u>	<u>Typical Result AC-8</u>
1.0mg / cm <sup>2</sup> / week	0.3

## AC-8 COOLANT

**Total Heavy Duty Engine Coolant Type A Extended Life Hybrid Acid Technology  
- (Monoethylene Glycol)**

AC-8 is highly recommended for use in automotive diesel engines and light duty diesel where the manufacturer specifies hybrid OAT type coolant.

### TEST RESULTS

#### **ASTM D2809 - CAVIATION EROSION CORROSION**

<u>Rating (minimum)</u>	<u>AC-8</u>
8	8

For more information on this product please contact Austech Chemicals on 07 3204 8511.

### PRODUCT CODES / QUANTITIES

#### **Available in Concentrate**

**A/AC8/5** | 5L Plastic Bottle

**A/AC8/20** | 20L Plastic Cube

**A/AC8/200** | 200L Metal Drum

**A/AC8/IBC** | 1,000L Intermediate Bulk Container [IBC]

#### **Available in 50% Premix using Demineralised Water**

**A/AC8-50/5** | 5L Plastic Bottle

**A/AC8-50/20** | 20L Plastic Cube

**A/AC8-50/200** | 200L Metal Drum

**A/AC8-50/IBC** | 1,000L Intermediate Bulk Container [IBC]

**Manufactured Colours:** Green - Red - Blue.