

BRAKE FLUID

ACDelco Global DOT 4

ACDelco

Brake fluid for hydraulic brake and clutch systems with a boiling point of at least 265°C and a wet boiling point of at least 175°C. Due to the low deep temperature viscosity this brake fluid is especially recommended for brake systems combined with ABS, TCS and ESP/DSC. ACDelco Global DOT 4 contains effective corrosion inhibitors and antioxidants.

PROPERTIES

ACDelco Global DOT 4 satisfies the following specifications:
GM-GMW 3356, SAE J 1703, SAE J 1704, ISO 4925 Class 6,
FMVSS No. 116 DOT 3 and DOT 4.

Furthermore ACDelco Global DOT 4 may be used when the following specifications are required:

- | | |
|--|---------------------|
| • Volkswagen Group
(Volkswagen, Audi, SEAT, ŠKODA, Bentley, Bugatti, Lamborghini) | TL 766-Z, VW 501 14 |
| • BMW Group (BMW, MINI, Rolls-Royce) | QV 34 001 |
| • PSA Peugeot Citroën | STL S71 2114 |
| • Ford Motor Company | WSS-M6C65-A2 |

ACDelco Global DOT 4

- Has high thermal stability.
- Features excellent corrosion protection for various metals.
- Leads to an appropriate swelling within the specification limits of natural rubber (NR), styrene-butadiene rubber (SBR) and EPDM rubber.



500ml

20 Litre

**EFFECTIVE
CORROSION
INHIBITORS &
ANTIOXIDANTS**

ACDelco offers a comprehensive Product Range to suit Most Makes & Models.

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PART NUMBERS		
500ml – 92286932		20 Litre – 92286931
Tested in accordance with SAE J 1703, SAE J 1704, FMVSS No. 116 DOT 3 / DOT 4 and GMW 3356		
APPEARANCE		
Yellow liquid, free from mineral oil and undissolved substances		
TECHNICAL DATA		
Density at 20°C	1.06 g/cm ³	
Viscosity at -40°C	max. 700 mm ² /s	
Viscosity at 100°C	min. 1.5 mm ² /s	
Boiling point	min. 265°C	
Wet boiling point	min. 175°C	
Heat stability	±3 °C	
Chemical stability	±3 °C	
pH	7 – 8.5	
Water content	max. 0.15 %	
LOW TEMPERATURE TEST		
	6 h / -50 °C	144 h / -40 °C
Appearance	Clear	Clear
Sedimentation	None	None
Bubble flow time	Max. 5 s	max. 3 s
WATER TOLERANCE TEST		
	120 h / -40°C	24 h / 60°C
Appearance	Clear	Clear
Sedimentation	None	None
Bubble flow time	Max. 5 s	
COMPATIBILITY WITH RM		
	24 h / -40°C	24 h / 60°C
Appearance	Clear	Clear
Sedimentation	None	None
EFFECT ON SBR		
	70 h / 70°C	70 h / 120°C
Increase in base diameter	0.15 - 1.4 mm	0.15 - 1.4 mm
Decrease in hardness, IRHD	Max. 10	Max. 15
Appearance of cups	Not tacky, no blistering	Not tacky, no blistering
EFFECT ON EPDM		
	70 h / 70°C	70 h / 120°C
Increase in volume	Max. 10 %	Max. 10 %
Decrease in hardness, IRHD	Max. 10	Max. 10
Appearance of test specimens	Not tacky, no blistering	Not tacky, no blistering
RESISTANCE TO OXIDATION		
	168 h / 70°C	
	Change in weight of metals in mg/cm ²	
Aluminium	Max. 0.05	
Cast iron	Max. 0.30	
Appearance of the metals	No roughening, no pitting	
Rubber deposit	None	
CORROSION		
	260 h / 100°C	
	Change in weight of metals in mg/cm ²	
Tinned iron	Max. 0.2	
Steel	Max. 0.2	
Aluminium	Max. 0.1	
Cast iron	Max. 0.2	
Brass	Max. 0.4	
Copper	Max. 0.4	
Appearance of the metals	No roughening, no pitting	
Appearance of the liquid	No sedimentation, no gelling	
pH	7 - 9	
SBR cups. Increase in base diameter	Max. 1.4 mm	
Decrease in hardness, IRHD	Max. 10	
Appearance of cups	Not tacky, no blistering	
STROKING TEST		
Stroking test acc. to FMVSS No.116	Complies	
HANDLING		
Brake fluid is hygroscopic and has to be stored in tightly sealed containers. After removal of brake fluid the containers must be closed immediately.		
STORAGE STABILITY		
ACDelco Global DOT 4 has a shelf life of at least five years when stored under appropriate conditions in original closed containers at temperatures of maximum 40°C.		
QUALITY CONTROL		
The above-listed data represent average values at the time of going to press of this data sheet. They are intended as a guide to facilitate handling and cannot be regarded as specified data. Specified product data are issued as a separate product specification.		

SAFETY

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

NOTE

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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