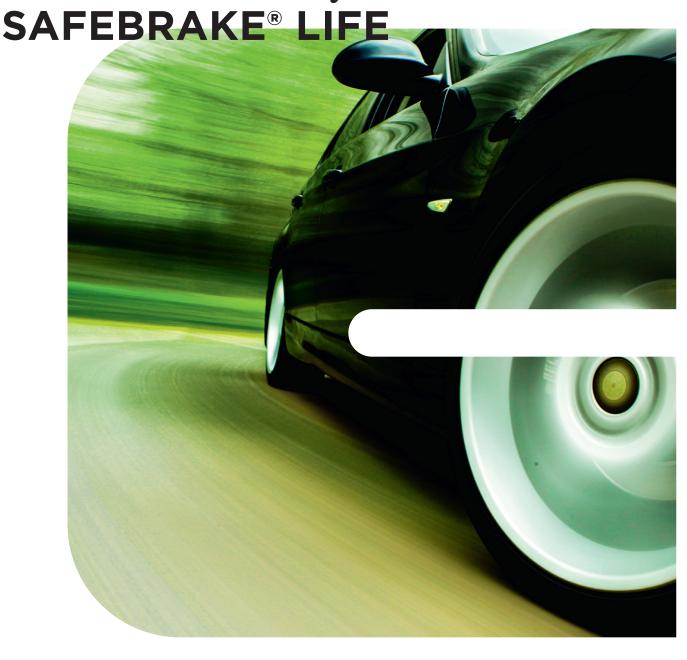


Drive for safety and sustainability



Safebrake® Life - Drive for Safety and Sustainability



Safebrake® Life is a unique borate esterfree fluid. In comparison to conventional DOT 4 fluids, it is the first CMR-label-free* brake fluid and achieves a state of the art performance with a high boiling point and high fluidity. Every little detail is important when it comes to safety, sustainability and well-being.



* According to Reprotox re-classification cat. 2 (H 361 D) from 2018.

YOUR BENEFITS



SAFETY

- Peace of mind: storage, sales and handling without restrictions
- Safe and convenient handling at home and in professional use



SAVINGS POTENTIAL

- Achieve higher safety levels without extra efforts
- Simplify safety documentation: no more need of bulky EH&S booklets
- Reduced complexity: single replacement for DOT 3 and DOT 4 and fulfills market requirements



DIFFERENTIATION

- Protect your people
- Transmit sustainable advantages to your customers
- Be the first to use the first label-free
 DOT 4 product in the market
- Be ahead of new regulations
- Offer label-free brake fluids to your customer





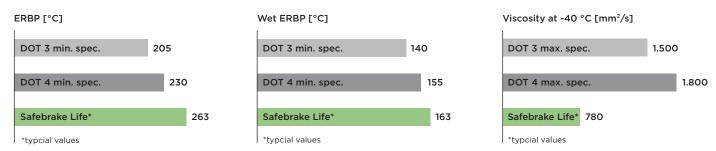
MAKE A SUSTAINABLE AND ENVIRONMENTAL IMPACT

- Safebrake Life has been awarded with the internal Clariant label ECOTAIN, standing for qualitative excellence and sustainability
- Reduced CO2 emission & energy consumption during production compared to standard DOT 4 brake fluids
- No hazardous waste generation in production and in use
- Non-hazardous substance or mixture acc. to REGULATION (EC) No 1272/2008
- \bullet Based on readily biodegradable raw materials (Methyl glycols 100% acc. OECD 301 B, Glycols > 90% acc. OCED 302 B)

WINNING PERFORMANCE WITH THE NEW SAFEBRAKE LIFE

- For immediate substitution on conventional DOT 3 and DOT 4 brake fluids
- External approval for FMVSS Nr. 116, ISO 4925 and SAE J 1703
- Low viscous even at -40°C, ideal for driving assistance systems
- · Quicker filling due to non-foaming properties
- Colourless to yellow appearance
- Excellent stability and corrosion protection

Drop in replacement for conventional DOT 4 and DOT 3



Independent assessments confirm DOT 4 conformity

PRODUCT PROFILE

Parameter	Method	Unit	Typical Value
Appearance at 20°C, visual	Clariant		Liquid, clear
Color at 20°C, visual	Clariant		Yellow
pH value	SAE J1703		9.06
Water content, Karl-Fischer	DIN 51777	%	0.03
Density at 20°C	DIN 51757	g/cm ³	1.068
Viscosity at -40°C	ASTM D 7042	mm ² /s	782
Viscosity at 100°C	ASTM D 7042	mm ² /s	1.9
Boiling point	SAE J1703	°C	263
Wet boiling point	SAE J1703	°C	160

Open new possibilities when it comes to storing and handling the product as well as reducing EH&S risks and complexity for transport. **Drive for safety and sustainability: Safebrake Life!**

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