



Industrial Technology

Brake systems for special vehicles

List of lubricants TE-ML 15

Product groups	Approved lubricants for service fills
<p>Hydraulic supply units</p> <p>Hydraulic accumulators Volumes: 1.0 / 1.25 / 1.5 / 1.75 / 2.0 / 3.25 liters</p> <p>Hydraulic dual-circuit spring accumulators</p> <p>Hydraulic accumulator valve blocks</p> <p>Cylinder sub-assemblies</p> <ul style="list-style-type: none"> - wheel cylinders - tandem master cylinders - differential pressure warning display - master cylinders - slave cylinders - pressure intensifiers <p>Brake calipers resistant to mineral oil</p> <ul style="list-style-type: none"> - 2 fixed piston calipers piston diameter: 54 / 60 mm - 4 fixed piston calipers piston diameter: 57 / 61 mm <p>(Refer to maintenance manual for assignment of operating oils)</p>	<p>- Nato-Code H-515 - Nato-Code H-540 - Nato-Code C-635</p>
<p>Brake system M 113 troop carrier</p>	<p>- Nato-Code H-544</p>
<p>Brake caliper resistant to brake fluid 2 fixed piston calipers piston diameter: 54 / 60 mm</p>	<p>- Nato-Code H-542</p>
<p>Assembly paste</p>	<p>- Ultra Therm, Fa. Walter Zepf Schmierungstechnik</p>

Additives of any kind added **later** to the oil change the oil in a manner that is unpredictable, and they are therefore not permitted. No liability of any kind will be accepted by ZF for any damage resulting from the use of such additives.

<p>The list of lubricants TE-ML 15, edition 01.10.2018 replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under www.zf.com/lubricants.</p>	<p>ZF Friedrichshafen AG D-88038 Friedrichshafen www.zf.com/contact</p>
--	--