

TIPS FOR MOVING-FLOOR DRIVERS

The hydraulic system

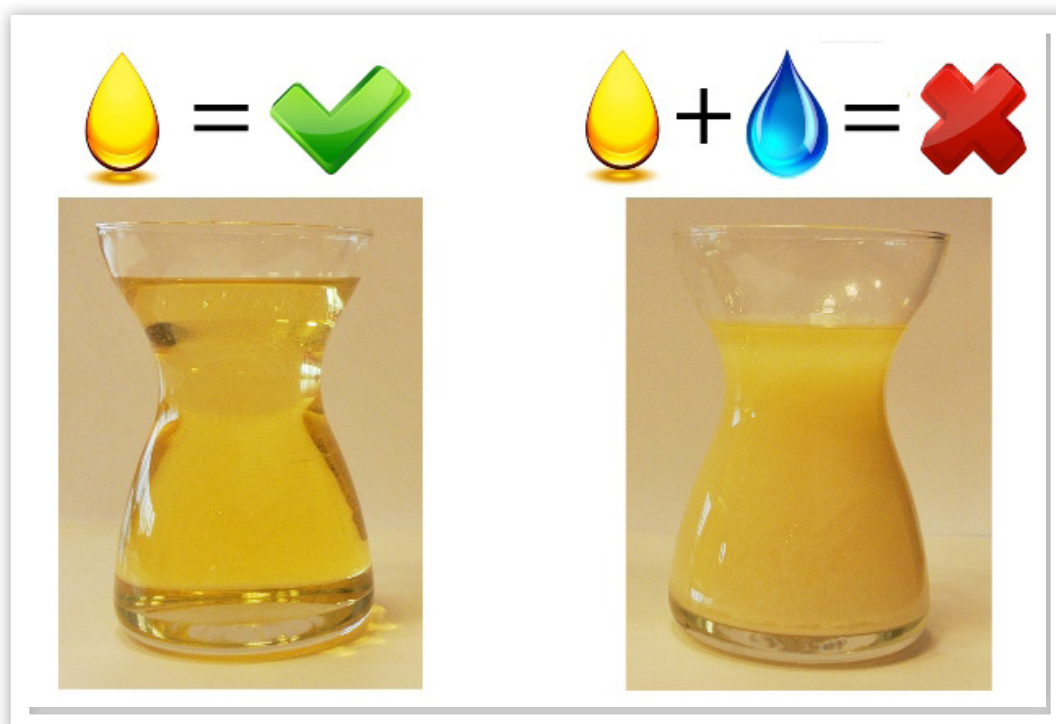
A moving floor is in essence a hydraulic installation. The Cargo Floor and Keith Walking Floor systems that have been incorporated into the various makes of moving-floor trailers are simple and effective. Which means that you can easily carry out several maintenance actions yourself. Knapen Trailers' specialists provide you with useful tips to keep the hydraulic system of your moving-floor trailer (and truck) in top condition:

Tip 1: Never clean the hydraulic tank with a high-pressure cleaner



Just spray the hydraulic tank using the high-pressure cleaner. Because of some spilt oil this is particularly dirty around the filler cap and around the vent. Just spray from close range with the high-pressure cleaner and the hydraulic tank will shine more than ever. Sounds innocent enough, doesn't it? However, the reality is very different. If you spray your oil tank using a high-pressure cleaner, it is easy to spray a lot of water inside the tank via the filler cap and the vent. If this happens, the oil will become a creamy colour will no longer be transparent (see illustration). This water-contaminated oil will cause rust in your hydraulic installation. This

rust will cost you a lot in repair costs or reduce the trade-in value of your trailer. What's more, the lubricant effect of the oil will be lost. So it is better to clean the area around the filler cap and the vent using a cleaning cloth. This will keep your oil clean and save you high costs. If, however, you do find water in your oil when you carry out a check, it is important from a cost point of view not only to immediately clean your tank but also to properly flush the oil in your trailer. For further information about this contact your [dealer](#).



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Tip 2: Replace your oil filter every year

The oil filter is located on the left side under the trailer (see illustration). We recommend from a cost point of view that you replace your oil filter every year. If you decide not to replace your oil filter, there is a great risk that contamination in the oil (see illustration) will damage your system's cylinders and your valve block over time to such an extent that they will have to be fully replaced. The small amount that you spend on oil filters every year will therefore save you thousands of euros in unnecessary repair costs. The oil filters can be obtained from your [dealer](#) under number BDICO08140.



Instructions for replacing the oil filter yourself:

Obviously you need to switch off the PTO while replacing the oil filter. First of all place a basin under the filter. If you loosen the oil filter to the left using the hexagon head on the end of the filter, the oil inside the filter will run out. Do not worry: you will not lose dozens of litres. Before you tighten the new filter (BDICO08140) to the right, it is important to first of all coat the O-rubber ring on the inside of the new filter with a thin coat of oil. You can easily do this with your finger. This will prevent the O-rubber ring becoming brittle and leaking. It is also important that you smear the screw thread of the filter with copper grease (GBT20037) so that the filter can be easily unscrewed next year again. You should tighten the new filter firmly only by hand. So do not tighten it as firmly as possible using filter pliers as this will make it impossible to remove next time. If you cannot manage to change the filter, you can always ask for help from your [dealer](#). Finally, it is a good idea to check the oil level in your hydraulic tank and top the oil up if necessary (SCG00150).



Are you a driver of a moving-floor trailer with a handy tip for your colleagues? Send your tip to Marketing@knapen-trailers.nl and you could see it featured in the next newsletter.