

Company General Motors
Brand GM Genuine Oil
Product 5W30 dexos2 ACEA C3 VW 502 00/505 00/505 01

Case No VLS010212

18/07/2024 This case was accepted by VLS

10/06/2025 The complaint alleged that the Total Base Number (TBN) for the product when tested was 8.6 mg KOH/g and Sulphated Ash (SA) at 0.73% m/m which is not compliant against the stated performance claim for VW 502.00/505.00. However the High Temp/High Shear (HTHS) value observed of 3.45 mPa.s is within test reproducibility limits as is the Noack volatility of 10.3% for the MB specification claimed.

VLS accepted the case, sourced and tested a sample of the product. The test results were as follows:-

TBN 8.0mgKOH/g
SA 0.65%m/m

VLS found that the product was therefore compliant against the claim for dexos2 but not compliant against the claim against VW 502.00/505.00 specification requiring a TBN ≥ 10.0 mg KOH/g and SA $>1\%$ m/m $<1.5\%$ m/m.

GM Europe were approached concerning this matter and they referred it to GM's legal counsel in America. GM's legal counsel in America initially claimed that the product was not genuine as it did not show a dexos2 licensing number on the pack. So VLS approached the marketer's toll blender in Europe to validate that the product was genuine and they confirmed that it was.

The toll blender acknowledged the non-compliance and are investigating along with their contact at GM Europe. The non-compliance concerns the product's Sulphated Ash content at 0.65%m/m which is below the VW specification limit of 1.0%m/m, and Total Base Number which has been tested at 8.0mgKOH/g against a minimum specification requirement of 10mgKOH/g for the claim against VW 502 00/505 00/505 01.

The toll blender told us that the product has not been commercialised or made available in the market for many years now, although we have found that residual stock is available for sale through distributors and other outlets. They advised that when the claim was initially made it was possible to make the combination claim VW 502 00/505 00/505 01 but VW has since changed the specification limits and it is no longer possible to make the claim.

In response the toll blender has said they will remove the claim against VW 502 00 which will bring the product back into compliance. The toll blender also stressed that the main purpose of the product is to support applications requiring dexos2.

VLS then informed GM legal counsel of the steps the toll blender was taking to bring the product back into compliance. VLS accepted this resolution and closed the investigation subject to a six month review in line with its stated process.