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**BACTERIAL CONTAMINATION OF HIGH OCTANE NUMBER  
OXYGENATED GASOLINE**

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Since 2001, bacterial contamination of oxygenated gasoline occurred in South China and caused blocked filter, and even more damaged gasoline pump. This bacterial contamination only occurred in high octane number oxygenated gasoline. We investigated that the composition of deposit that blocked filter is 70 percent ferric oxide, environment and climate of storage tank and the eight microorganisms collected from contaminated gasoline tank bottom-water samples. Furthermore, we find microorganism propagated is different between the 90 gasoline and the 97 gasoline. This is caused differ contaminations.