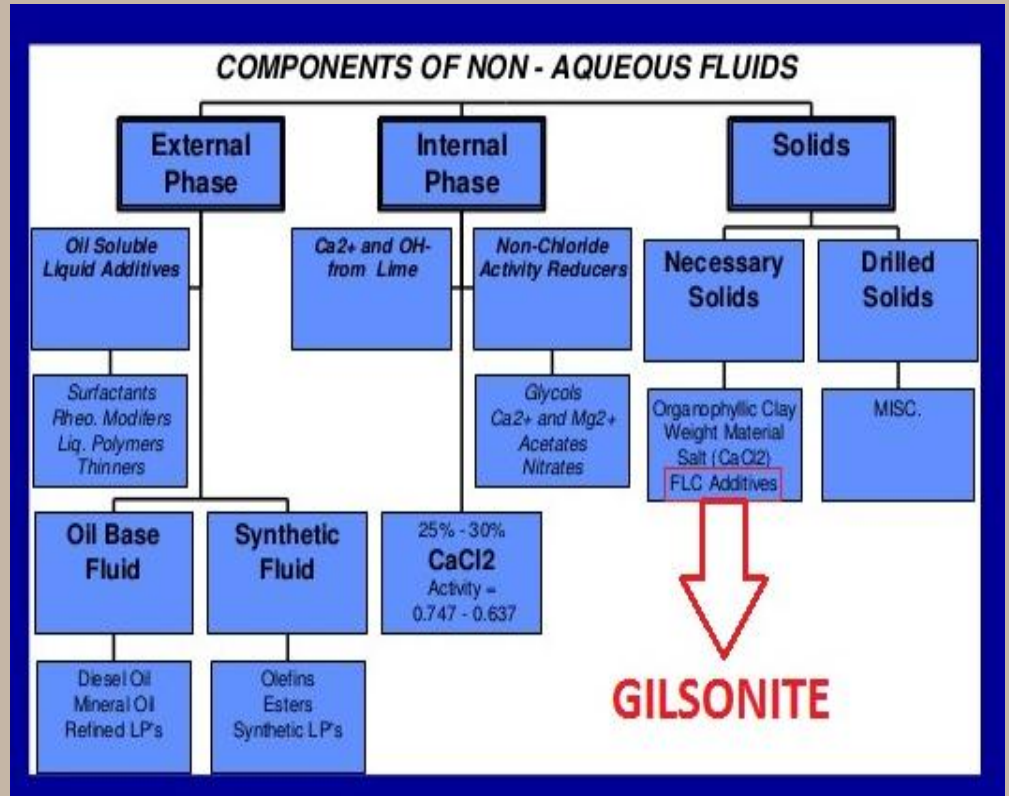


Gilsonite in Oil Based Drilling Muds

Gilsonite is used in Oil Based Drilling Muds as a **FLUID LOSS CONTROL** agent as per shown in the graph on the right. Natural bitumen can be applied in Synthetic Based muds as well. Gilsonite reacts well in high temperature conditions. Applying Gilsonite can release its oil content within, which can resolve in oil matters and be checked by testing Solubility in CCL4 or TCE.



Iran Gilsonite has many different quality and types, while only two grades of Iranian Gilsonite is suitable for FLC application and both are supplied by Zista Group. These products have been tested and succeeded for years in China, India & GCC countries and in South American countries including Mexico and now they are replacing the American Gilsonite grades (XM-P, LM-P, GM-P & even HT series) vastly; since they pass the USA Standard Tests for Drilling Muds which are commonly used around the globe. *(Zista Gilsonite test results can be provided upon request.)*

While Using American Gilsonite is very cost-effective comparing to alternatives, Iranian Gilsonite can perform at relatively same level with even more economical price range than US Gilsonite costs giving the mud manufacturers a big leverage on optimizing the production in the current oil market.

Zista Group supplies various Gilsonite grades under the brand of **ZITUMEN** worldwide while guarantying the aspects of quality for each shipment. Our Drilling Gilsonite is approved under NIOC WQTE 452/5200 regulatory and also has been certified In GCC & China.

For more information please do not hesitate to contact us; info@zistagilsonite.com