

Waste Coolant is no longer to be hazardous Liquid waste which is highly polluted to environment and human beings.

Latest China 5000 History "RuJia" Innovative Separation Technology can help to separate out the High COD content water from the waste coolant. The High COD value and don't have bugs, fungi, spores, after evaluation the metallic ion content It can Fully reuse in Mixing the new Coolant without affects the performance of the coolant.

Waste Coolant has horrible Pungent Odor large amount of bugs (normally anaerobic bacteria, fungi, spores), metallic swarfs, fines normally aluminum and cast iron fine powder, suspended oil or bio-degraded organic substances, huge amount of metallic ion like, Fe, Cr, Ti, Al, ....

The Separation Treatment Process are divided into:-

**1) High Purity Ozone Process- Major odor and bugs are eliminated**

**2) Patent HFP Electrochemical Deboning Process-**

**Large chemical bond from contaminant are breaking down into smaller molecules for later Filtration Stages**

**3) Coagulation by additive and Microfiltration,  
Filter Press Cake**

**4) Hugotech TMF-VD Bio-control Nanotechnology Filtration**

**PS. Photos are in the attached PPT. file**

**After fully evaluation of the High COD water, the liquid waste inside the CNC Plant are reduced to Zero and the Concentrate are Pressed into Cake for Easy Solid Waste disposal.**

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