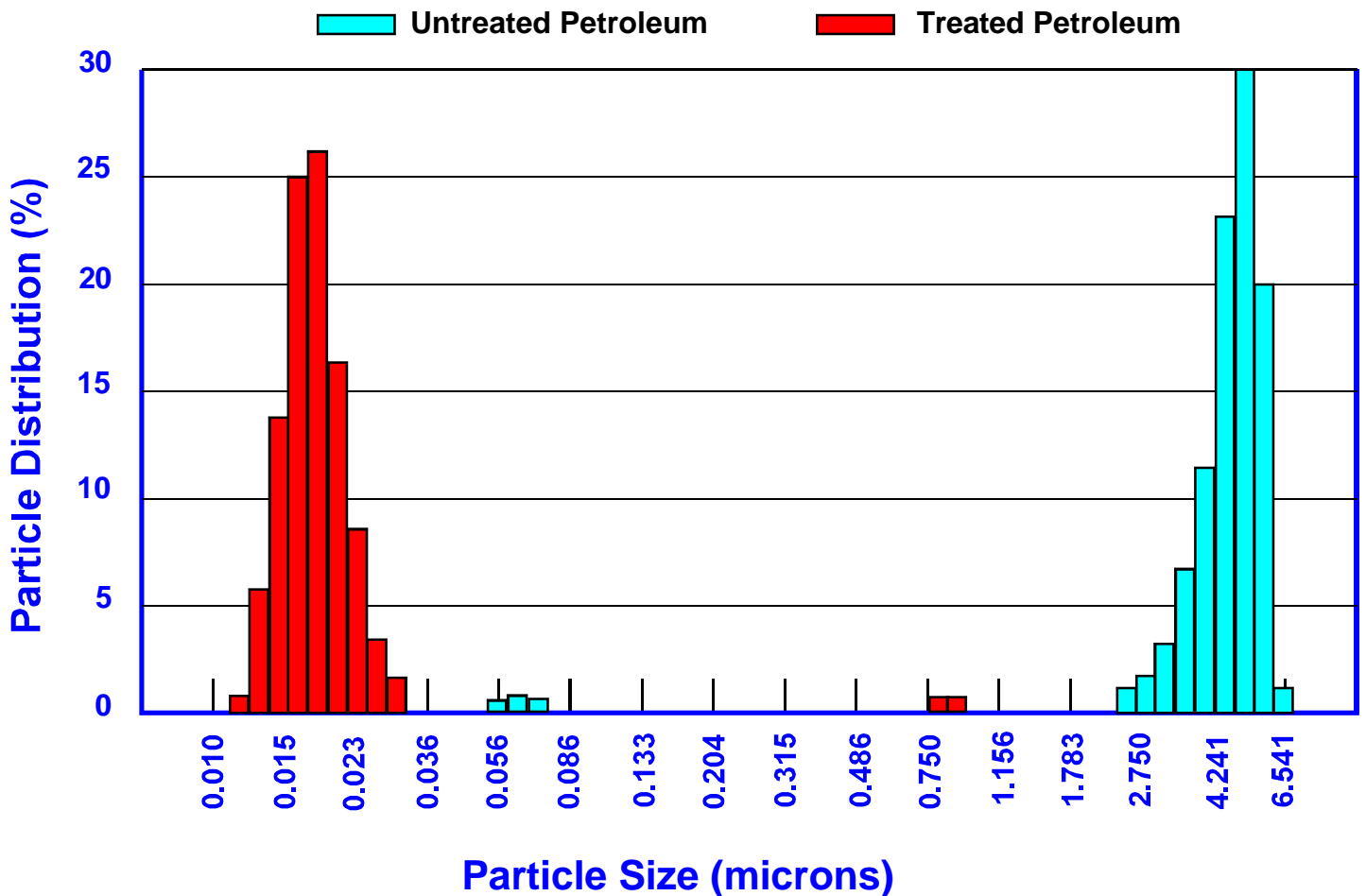


## Particle Size and Distribution of Magnetically Treated and Untreated Crude Petroleum at 60 °C



Particle size before magnetic fluid treatment ranged from 2.5 to 7 microns and after magnetic fluid treatment ranged from 0.01 to 0.03 microns. Particles are predominately paraffin and asphaltene.

The size and distribution of the particles of magnetically treated crude petroleum are dependent on the design and configuration of the magnetic fluid conditioners and on temperature of the fluid.