

SYNERGISTIC ACID BLEND EXTRACTION AID AND METHOD FOR ITS USE

Abstract

An extraction aid has been found which provides for enhanced contaminate removal, such as metals and amines, from crude oils that uses components that are desirable in desalting processes as the components are water soluble, have low toxicity, are highly biodegradeable and exhibit high thermal stability. According to one embodiment of the invention, an extraction aid that provides enhanced extraction properties is comprised of a blend of acids, particularly water soluble acids. More specifically, a combination of two acids chosen from the group consisting of acetic acid, sulfuric acid, glycolic acid, citric acid and methanesulfonic acid.

Figure 1