

Single SOS Kit can be used for;
Oil Analysis, includes a TAN Titration



Single SOS Kit

P/N 72-TAN Source 345

Oil Analysis

20 Elements

True Kinematic Viscosity

Oil Condition Analysis for Soot, Oxidation, Nitration, and Sulfur

Contaminants Water, Fuel, and Glycol

Heavy Metal Analysis

Hydraulic & Filtered Transmission Compartments Receive Particle Count, and Microscopic Image when required

Includes TAN (Total Acid Number)

TAN of a used lubricant is one measure of its degree of degradation by oxidation; this test is primarily for sour gas applications and other non-engine compartments, like landfill, methane, natural gas, hydraulic, or pump applications. TAN is an analytical test we use to determine the deterioration of lubricants: the more acidic a lubricant is, the further its degradation has preceded. As oils or hydraulic fluids break down, they generally form acidic byproducts that can be corrosive to metal components, accelerate wear, form deposits, and increase viscosity. As a fluid degrades, the levels of corrosive acids increase along with the danger of component failure. Oxidation, as measured by infrared spectroscopy, correlates well with TAN