

Hydraulic Oils Biodegradable AW

AW 32, 46, 68

American Oil Since 1895® AW Hydraulic Oils are biodegradable anti-wear hydraulic oils developed for high pressure, high speed hydraulic systems operating in environmentally sensitive areas. These products are formulated from specially selected vegetable based oil and non-toxic performance additives. These products exhibit a high degree of biodegradability (>95% in 21 days in CEC-L33-A93) and satisfies the requirements of German Hygiene Institute Water Hazard Class 0 (“not Endangering Water Quality”). These products meet the stringent requirements of Dennison HF-O piston and vane pump tests, Vickers 35VQ25 and V-104C vane pump tests. They are recommended for hydraulic applications where accidental spillage or leakage of petroleum lubricants may be detrimental to the environment.

Typical Properties

Product Bio AW	API Gravity	cSt 40C	cSt 100C	SUS 100F	SUS 210F	VI	Pour PT, F	Flash Pt F	Color ASTM	Bio-ability CEC L 33A93
32	23.5	35	7.9	176	52.6	198	-10	500	0.5	>95%
46	21.7	43	10.4	233	61.5	208	-30	485	0.5	>95%
68	22.1	63.5	13.9	318	74.8	215	-25	450	0.5	>95%

The typical test data for these products are intended as averages only. Minor variations, which do not affect each of the product's performance, are expected and are part of the normal manufacturing process. For further information on the safe use and handling of these products, please refer to the appropriate Material Data Safety Sheet. The information in this data sheet is, to the best of American Oil & Supply Co's knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control.