

AchievAL™ FRH Inhibitors - Maintenance Fluids

KOST USA makes two special inhibitors for enhancing water glycol (HFC type) hydraulic fluid properties. They can be added tank side or by batch blending. They are specially formulated to improve the properties of new products or used products where the performance components have depleted over time. Depletion of inhibitors can be a cause of several factors, including operating at elevated temperature for periods of time and mechanical stresses.

AchievAL™ FRH RA Inhibitor is designed to boost the reserve alkalinity of used water/glycol (HFC type) fire resistant hydraulic fluids. It is designed to replace the vapor phase corrosion inhibitor as well as other corrosion inhibitors while maintain expected anti-wear properties. Dosage should be consulted with hydraulic fluid manufacturer prior to addition. Generally speaking, 0.1% volume of **AchievAL™ FRH RA Inhibitor** will raise the reserve alkalinity 1 unit when measuring per ASTM D1121.

AchievAL™ FRH AW Inhibitor is designed to boost the performance of existing new or used water/glycol fire resistant (HFC type) hydraulic fluids where extra anti-wear and corrosion protection maybe required. Dosage should be discussed with the fluid manufacturer prior to addition.

Properties:	RA Inhibitor	AW Inhibitor
Appearance	Colorless/light tan	Light Yellow
Odor	Amine-like	Amine-like
pH, 5% in water	9.7	9.36
Reserve Alkalinity, 5% in water	~50	30
Flash Point, °C (°F)	39 (102)	74 (165)
Pour/Melting Point, °C (°F)	-59 (51)	-30 (-22)
DOT Classification:	UN2051	
Part numbers:	5234	20080

KOST USA also manufactures specialize concentrates for water/glycol fire resistant (HFC type) hydraulic fluids. **AchievAL™ FRH Concentrates** can be combined with demineralized water to product FM approved fluids. They may also be added to used fluids to raise viscosity from over dilution with water under direction from KOST USA. For more information consult your local KOST USA representative or call 1-800-661-9391.

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All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. Freedom to use any patent owned by KOST USA, Inc. or others is not to be inferred from any statement contained herein. The test results listed are typical properties only. KOST USA, Inc. strives for improvement in all of our products. Formula and blending changes may results in the slight color and appearance changes.