PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.

FR WG BUFFER

TANKSIDE, ALKALINE RESERVE BOOSTER

DESCRIPTION:

FR WG Buffer is a select blend of non-hazardous, alkaline corrosion inhibitors and a metal deactivator specifically designed for use with FR WG 200-D and other premium, water glycol hydraulic fluids.

PERFORMANCE:

FR WG Buffer was formulated to replenish the additive package which is lost through water evaporation from the hydraulic system. FR WG 200-D and other premium, water glycol hydraulic fluids contain a surplus of additives called the alkaline reserve (RA). This combination of additives provides rust and corrosion protection in the liquid phase and by slowly evaporating, provides vapor phase protection. The alkaline reserve loss goes hand-in-hand with the water evaporation loss.

LABORATORY DATA:

Appearance	Clear, amber fluid
Viscosity @ 100 °F, SUS	≈ 300
Specific Gravity	1.01 - 1.05
pH	10-11
Reserve Alkalinity	400-500
Phenols	None
Flash Point, COC, °F	250

HYDRAULIC SYSTEM ANALYSIS:

If the customer lacks the laboratory equipment necessary to check the viscosity, your ACT representative will arrange for sampling of systems and an ACT laboratory analysis of the fluids.

ACT's hydraulic fluid monitoring service is a no-charge, laboratory analysis of in-service water-glycol fluids. This analysis can be performed on FR WG 200-D as well as competitive products. In-service fluids will be analyzed for the following properties:

Viscosity	pH
Reserve Alkalinity	Tramp Oil, %
Particulates, %	Metallics

Caution:

Refer to American Chemical Technologies Material Safety Data Sheet for handling and first aid information.

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