

# ICB<sup>®</sup> AW PRODUCT BULLETIN

**Meet ICB<sup>®</sup> AW.** Safe, reliable and cost-effective chemistry solution for in-service anti-wear hydraulic oils focused on the root cause of degradation: oxidation.

## OVERVIEW

Anti-wear (AW) hydraulic oils are found in various applications, from small assembly processes to integrated steel and paper mill applications. Offering excellent protection against corrosive acid and metal surface wear in critical hydraulic systems, Anti-wear hydraulic oils break down to form varnish due to oxidation of their base oil and additive depletion.

ICB AW, patented ion-exchange technology, selectively removes varnish and key varnish feedstocks continuously. Rather than wait for these breakdown products to cause harm, ICB AW breaks the accumulation cycle preventing varnish problems.

## ICB AW FEATURES AND BENEFITS

- Selectively removes varnish and key varnish feedstocks
- Does not impact the lubricant's antioxidant or AW additive levels (verified in advance)
- Reduces high MPC varnish potentials and maintains them when they are low
- Reduces fluid waste, disposal costs and environmental impacts
- Reduces system maintenance and failure costs
- Creates a trouble-free operating environment with predictable outcomes and costs



## YOU ARE ONE STEP CLOSER TO TROUBLE-FREE OPERATION

Submit an oil sample today to our state-of-the-art lubricant research Fluid Technical Center, and let's get a handle on the condition of your anti-wear hydraulic oil. We take the routine out of oil analysis, providing a complete picture of your hydraulic oil condition as per the guidelines provided in ASTM D6224.

From advanced testing to the expert interpretation of results, our team of professional and Ph.D. chemists are here to provide the data you need to make informed decisions about your critical assets. You can expect more when you partner with our Fluid Technical Center.

### Our Lube Oil test package, applicable for anti-wear hydraulic oils includes:

- Acid Number ▪ MPC Varnish Potential
- Antioxidant Levels and AW Additive Levels
- Viscosity (40°C) ▪ Water ▪ ISO Particle Count
- Dissolved Metals ▪ Fluid Color

Our Fluid Technical Center reported analysis and results will be utilized to determine ICB AW sizing and a complete hydraulic oil treatment plan inclusive of ICB AW filter change out intervals to achieve hydraulic oil stability.



  
**EPT**<sup>TM</sup>  
CLEAN OIL

  
LUBRICANT CHEMISTRY MANAGEMENT  
