

# decon **aw**™

Extend the Life of Your Hydraulic Fluid

Antioxidant and Antiwear Rebalancing | Decontaminate | Deposit Control



with **SOLVANCER**  
A PATENT PENDING TECHNOLOGY

Maximizing Asset Life Through Technology

# PROTECT AND EXTEND THE LIFE OF YOUR HYDRAULIC FLUIDS

**DECON AW™** is a critical step in our mission to reduce unnecessary oil waste and production by transforming your lubes into **Fill4Life™** hydraulic fluids. We've created proprietary technologies that can both replace depleted antioxidants and antiwear additives and eliminate deposits and varnish from the system.

## DECON AW BENEFITS

- Extends the life of your hydraulic fluid
- Decreases hydraulic fluid purchases
- Less downtime from fluid changes
- Fewer fluid changes
- Fewer expensive and risky flushes
- Reduces carbon emissions through demand reduction
- Increases RULER™ test results
- Rapid reduction of the oil's varnish potential as measured by MPC, UC and Particle Counts.
- Excellent oxidation stability and deposit control characteristics
- No adverse impact on the in-service oil's performance

**Fill4Life™**  
Extend The Life Of Your Hydraulic Fluid  
On your way to Fill4Life™



## ELIMINATE DEPOSITS FROM YOUR FLUID AND SYSTEM

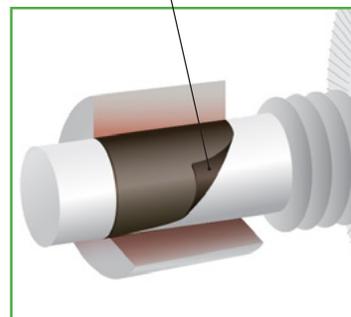
### Decontamination

- Quickly and safely dissolves varnish from the machine internals, increasing the life and performance of the servo-valves, improving the efficiency of heat exchangers

### Deposit Control

- Enhances the deposit control performance of in-service fluids.
- Long-term system protection against deposits, sludge & varnish.

with **SOLVANCER®**  
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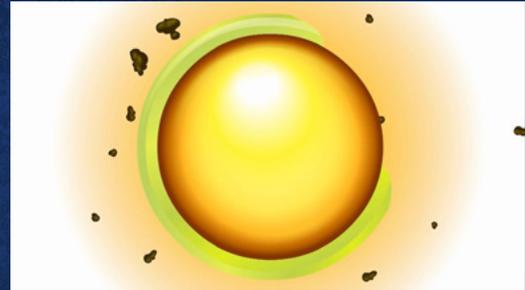


DECON AW WORKS BY RAPIDLY DISSOLVING OIL DEGRADATION DEPOSITS

# HOW IT WORKS

## THE FLUID FAILURE MODE

The thermal stress on hydraulic oils has increased significantly over the last 10-years due to higher machine efficiencies, lower leakage rates, increased operational demands and smaller reservoirs. Increased thermal load causes the oil to form damaging varnish and deposits. Valves stick, heat exchangers malfunction and system efficiency is impaired. The primary reason for fluid failure today is oxidation causing varnish formation and equipment failure.



*Antioxidants are sacrificial and deplete*

## THE DECON AW SOLUTION

### Antioxidant and Antiwear Rebalancing

DECON AW upgrades hydraulic oil formulations to a premium antioxidant system, similar to that found in advanced turbine oil formulations. Simultaneously, it replenishes the Antiwear (AW) additives. This will allow hydraulic oils to be able to withstand the thermal loads of the most demanding hydraulic applications while providing the wear protection your equipment demands. DECON AW also increases the life of your oil, extending the time before fluid failure and deposit formation.



*DECON AW restores antioxidant systems*

## SIMPLIFIED & EFFORTLESS

DECON AW is a tailored additive system blended into a concentrate having a similar viscosity of your in-service fluid. This allows DECON AW to be simply pumped into your hydraulic oil reservoir during operation with no special equipment. The treat rate of DECON AW is between 3% and 5% by volume.



*DECON AW replenishes antiwear additives*

## ENVIRONMENTAL & FINANCIAL WINS

### Great news for the planet and your CFO

It took millions of years for the earth to make your oil – then a tremendous amount of time, energy and money to extract, ship, refine and formulate it. Shouldn't you do everything possible to extend the life of the fluid you use, for as long as possible? Our customers enjoy the environmental benefits of not having to dispose of waste oil while increasing equipment efficiencies. Even more, they are saving money on both ends. DECON AW and Fluitec's Fill4Life mission makes it a win-win proposition for both you and the planet.

# DECON AW APPLICATIONS & PACKAGING

## APPLICATIONS



Manufacturing



Marine



Injection Molding



Mining

## PACKAGING

SIZE	DIMENSIONS	WEIGHT
5 gal Pail (19 L)	13 x 13 x 16 (inches) 33 x 33 x 40.7 (cm)	41 lbs 19 kg
55 gal Drum (208 L)	23 x 23 x 36 (inches) 58.5 x 58.5 x 91.5 (cm)	462 lbs 210 kg
HS CODE		3811.29.0000

Certified



This company meets the highest standards of social and environmental impact

Corporation

**deconaw**<sup>™</sup>  
with **SOLVANCER**<sup>®</sup>  
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