

# HYDRAULIC FLUID AW68 ANTI-WEAR 68

## **Products Data Sheet (PDS)**

### **Product Description:**

Multi Purpose Premium Hydraulic Fluid AW68 is formulated from selected base oils and compounded with a superior additive treatment for use in all kind of hydraulic systems running under the most difficult conditions. This hydraulic oil provides excellent fluid stability and reduces maintenance operating cost. For use in many applications, where an universal high performance anti-wear hydraulic oil and high operating reliability is the only option:- Plastic molding machinery, metal working machine tools, construction equipment, compacting and bailing machines, material handling equipment, sanitation vehicles, hydraulic elevators, presses and numerous other types of hydraulically powered devices and machines.

Premium performance hydraulic fluids AW68 with excellent filtration properties and offering outstanding antiwear corrosion protection and antioxidant characteristics, be used to formulate high performance hydraulic fluids with excellent thermal stability (according to ASTM Cincinnati Milacron P-68/P-69/P-70 requirements), hydrolytic stability (according to ASTM-D 2619 HF-0 requirements) and filtration properties even when extremely fine filters are used (according to AFNOR N FE 48-691 (wet)).

Zinc containing oxidation, rust and wear inhibiting for antiwear hydraulic fluids according to:

Denison HF-0, HF-1, HF-2 ; Vickers M-2950-S, I-286-S ; Cincinnati Milacron P-68, P-69, P-70 ; U.S. Steel 127, 136 ; DIN 51524, part 2 and 3

## **Typical Physical Characteristics**

PROPERTY TEST	UNITS	METHODS	RESULT
Viscosity Grade	ISO 3448		VG68
Colour		ASTM1500	L1.0
Density @ 15 °C	kg/m3		0.86
Kinematic Viscosity @ 40°C	cSt	ASTM D445	70.00
Kinematic Viscosity @ 100°C	cSt	ASTM D445	9.15
Viscosity Index		ASTM D2270	105

These characteristics are typical of current product methods whilst future production will conform to ENZOIL Lubricants specifications, variations in these physical characteristics may occur.

#### Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- · Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water.

#### **Protect the Environment**

· Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Unparalleled Reliability

Performance And Peace Of Mind

