

## Product Data

### ZIE HYDRO AW Premium Anti-wear Hydraulic Oil

#### Description:

ZIE HYDRO Series oils are good quality anti-wear hydraulic oils developed for industrial applications, subjected to moderate operating conditions and requiring anti-wear lubricants.

ZIE HYDRO oxidation resistance and chemical stability properties support in good oil life in moderate applications.

#### Features and Benefits:

Recommended for use in industrial hydraulic systems which require anti-wear protection.

Recommended at high oxidation stability and lubrication performance are required.

Excellent filterability characteristics (including in the presence of water) enables cost savings reduced maintenance.

#### Specifications:

Meeting the requirements of

- DIN 51524 Part1
- IS : 3098 – 1983 (Reaffirmed 1993)

## Applications:

ZIE HYDRO oils are recommended as fluid media for hydraulic systems and hydraulic pumps even under moderate operating conditions in stationary and mobile hydraulic systems. These oils are also recommended for circulation, splash, bath and ring oiling systems of the bearings and gears of industrial machinery.

## Typical characteristics:

Characteristics	Test Method	Zie Hydro AW				
		32	46	68	100	150
Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear
Colour, max.	ASTM D 1500	2.5	2.5	2.5	3.0	3.5
Kinematic viscosity, cSt at 40 °C	ASTM D 445	32	46	68	100	150
Viscosity index, min.	ASTM D 2270	102	102	102	100	98
Flash point (COC), °C, min.	ASTM D 92	190	200	210	210	230
Pour point, °C, max.	ASTM D 97	-6	-6	-6	-6	-6
Copper strip corrosion, at 100 °C, 3 hrs.	ASTM D 130	1	1	1	1	1

The above figures are typical figures with normal production tolerance.

## Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.