

# SUPER-PURE® AW range

## ISO VG 32 - 46 – 68 – 100 - 150



### ANTI WEAR HYDRAULIC FLUIDS - Zinc and Phosphorus Free

#### PRESENTATION

“SUPER-PURE® AW range” are premium anti-wear, rust and oxidation inhibited hydraulic oils blended from a high quality paraffinic distillate base stock, and available on viscosity grades ISO 32-46-68-100 and 150. The exclusive patented, anti-wear and anti-oxidant package is specifically designed to provide maximum lubricity, long service life and superior system cleanliness.

“SUPER-PURE® AW range” hydraulic oils are designed to be used in applications requiring extreme pressure performances in machining tools operating systems.

#### PRODUCT BENEFITS

- Zinc & Phosphorous free  
⇒ Extended coolant life
- Excellent Anti wear properties
- AW & R&O oil

#### ADVANTAGES

Stringent selection of bases and additives gives “SUPER-PURE® AW range” oil the following characteristics :

- ⇒ Zinc & Phosphorous free  
⇒ Extended service life of soluble oil coolant

No risk of chemical reaction between coolant and ZDTP leading in a degradation of the coolant and an excessive tool wear

- ⇒ Excellent anti wear properties,
- ⇒ Very Good de-aeration properties
- ⇒ Low pour point,
- ⇒ Great shear resistance and Good thermal stability,
- ⇒ More environmentally friendly than conventional hydraulic fluid

#### CHARACTERISTICS

Characteristics	units	22	32	46	68	100	150
Nature, Color		Mineral, Blond to Amber					
Density	g/cm3	0,86	0.86	0.87	0.87	0.88	0.88
Density	LB/gal	7.17	7.17	7.26	7.26	7.34	7.34
Viscosity at 40°C	mm²/s	21,9	33,1	44,6	69,3	101,5	146,1
Viscosity at 100°C	mm²/s	4,3	5,5	6,7	8,8	11,5	14,7
Viscosity index		102	101	102	99	100	100
Flash point	°C	>210	>210	>210	>210	>220	>220
Pour point	°C	<-24	<-24	<-21	<-21	<-21	-21

Above details are issued from a production average; they are not specifications

SUPER-PURE® AW

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ISO Certified