

### DESCRIPTION

Servosystem HLP AF oils are high performance ash free hydraulic oil. These oils provide superior antiwear protection, excellent oxidation and thermal stability, outstanding hydraulic stability and good demulsibility. Servosystem HLP AF oils also possess superior filterability characteristics. This oil provides problem free service and have been found to be far superior in performance compared to other commercially available anti-wear, heavy duty hydraulic oils.

### APPLICATION

Servosystem HLP AF oils are recommended as ash free anti-wear fluid media in hydraulic systems, operating under extremely severe conditions. These oils are recommended for sophisticated high performance electro-hydraulic or numerically controlled systems. Servosystem HLP AF oils are also recommended for lubrication of screw compressors requiring Zn free oil of excellent thermal stability and low CCR value. These oils are suitable where the components are of silver or silver coated.

### PERFORMANCE BENEFITS

Servosystem HLP AF oils

- Ensure long service life due to outstanding oxidation and thermal stability.
- Provide sludge free performance.
- Provide excellent filterability characteristics.
- Ash free antiwear type of hydraulic oil
- Readily separate from water because of excellent demulsibility characteristics.
- Provide superior long term protection against rust and corrosion.
- Ensure overall problem free performance.

### PERFORMANCE STANDARDS

Servosystem HLP AF oils are formulated to meet the following specifications :

- Cincinnati Milacron P-69
- DIN 51524 Part 2
- DENISON HF-O
- US STEEL 127
- IS : 11656-1986 (Reaffirmed 1991)
- IS:10522-1983(Reaffirmed 1993)
- ATLAS COPCO R8 & R9, HOESCH HLP

### CHARACTERISTICS

ISO VG GRADE	22	32	46	68	100	150
Kin. Vis. @ 40°C, cSt	20.2 – 23.8	29.3 – 32.7	43.5 – 47.5	64.7-71.3	96 – 104	147 - 153
Viscosity Index, Min	100	100	98	95	95	90
Flash Point(COC), °C, Min	165	200	204	210	210	230
Pour Point, °C, Max	(-)21	(-)21	(-)15	(-)12	(-)12	(-)6
Emulsion Test D-1401, 41-39-0, Minutes, Max	15	15	15	15	20	20

### 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.

For further information please contact our nearest office OR:

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