

**Hydraulic Oil HM AF**  
**Premium Quality Zinc Free, Ashless Hydraulic Oils**  
Product Code: A7R, A7S, A7T, A7U

**Product Description**

Cages HM AF Hydraulic Oils are Zinc free fluids developed for use in most hydraulic power and control system. Manufactured from heat stable high viscosity index solvent refined base oils, they incorporate Zinc free, ashless additives to improve anti-wear performance, oxidation resistance, protection from corrosion, air release and anti-foaming tendencies. These oils when compared to conventional hydraulic oils have better hydrolytic stability, demulsability and filterability whilst maintaining good antiwear performance for pump and gear protection.

**Applications**

Suitable for most hydraulic power systems where reciprocating or rotary fluid pumps are used, including reciprocating and axial piston units, rotary gear and vane pumps. Their main applications are found in areas where water contamination is possible, in equipment containing silver plated components and in other applications where the use of Zinc free oil is required however they are also suitable for use where conventional hydraulic oils are used.

**Performance Specifications**

Cages HM AF Hydraulic Oils meet the requirements of general industrial specification such as as DIN 51524 Part 2 (HLP), Sperry Vickers I-286-S and AFNOR NFE 48603 (HM).

**Typical Test Data**

	A7R	A7S	A7T	A7U
ISO Viscosity Grade	32	46	68	100
Density @ 60°C	0.87	0.88	0.88	0.88
K.V. @ 40°C cSt	32	46	68	100
K.V. @ 100°C cSt	5.3	6.7	8.8	11.4
Viscosity Index	100	100	100	100
Flash Point °C	226	231	234	240
Pour Point °C	-22	-22	-22	-22

**Availability**

Cages Hydraulic Oils HM AF are available in bulk, 1000 litre IBC's, 205 barrels, 25 litre drums, 5 litre and 1 litre plastic bottles.

**Storage**

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open.

**Health and Safety**

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Cages Ltd is one of continual improvement; we therefore reserve the right to change specifications without notice.