

AZTEC OILS LTD

Aztec Hydraulic AF Oils (Ashless Grades)

Aztec Hydraulic ZF Oils are high specification industrial hydraulic oils, manufactured from a blend of solvent refined mineral oils and a multipurpose ashless hydraulic oil additive system.

Benefits

Aztec AF hydraulic oils are manufactured from heat stable high viscosity index, solvent refined base oils into which are incorporated zinc & ash-free additives for anti-wear performance, oxidation resistance, anti foaming agents and corrosion protection.

Applications

For hydraulic systems where the use of zinc free additives is specified including silver bearings. Compatible with all metals and all seal materials used in hydraulic systems designed for mineral oil use.

Performance specifications

Aztec AF hydraulic oils are formulated to exceed the following specifications:

Vickers Vane Pump (IP281)	ASTM D665 A & B
DIN 51524 Part II	Copper Corrosion (ASTM D130)
FZG (CEC LO7-A-85)	Demulsibility (ASTM D1401) &(IP19)
TOST (ASTM D943)	Air Release (IP 313)

Typical Physical Properties

<u>Grade</u>	<u>5</u>	<u>10</u>	<u>22</u>	<u>32</u>	<u>46</u>	<u>68</u>	<u>100</u>
ISO Viscosity Grade	5	10	22	32	46	68	100
Kinematic Visc @ 40oC	5.0	10.0	22.0	32.0	46.0	68.0	100.0
Kinematic Visc @ 100oC	1.4	2.7	4.4	5.5	6.8	8.8	11.3
Viscosity Index(VI)	98	102	105	105	102	100	100
Pour Point oC	-27	-25	-25	-22	-22	-19	-19
Flash Point C.O.C oC	190	200	205	210	225	230	245
Phosphorus, % wt	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125
Sulphur, % wt	0.173	0.173	0.173	0.0173	0.0173	0.0173	0.0173
Nitrogen, % wt	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063

Health & Safety Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers