

AZTEC OILS LTD

Aztec Hydraulic Oils

Description

Aztec hydraulic oils are full anti-wear hydraulic fluids designed and developed to be used in industrial power transmission and control systems.

Benefits

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

Applications

For most hydraulic power transmission systems where reciprocating or rotary fluid pumps are used, including reciprocating and axial piston units, rotary gear and vane pumps. The main application for hydraulic fluids will be found in static industrial hydraulic systems and mobile earth moving plant.

Performance specifications

Aztec 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>15</u>	<u>22</u>	<u>32</u>	<u>46</u>	<u>68</u>	<u>100</u>
ISO Viscosity Grade	5	10	15	22	32	46	68	100
Kinematic Visc @ 40oC	5.0	10.0	15.0	22.0	32.0	46.0	68.0	100.0
Kinematic Visc @ 100oC	1.4	2.7	3.6	4.4	5.5	6.8	8.8	11.3
Viscosity Index(VI)	98	102	103	105	105	102	100	100
Pour Point oC	-27	-25	-25	-25	-22	-22	-19	-19
Flash Point C.O.C oC	160	180	180	205	210	225	230	245

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