



SPECIFICATION SHEET

ALDEN ZF RANGE

ALDEN ZF Oils are high specification industrial hydraulic oils, manufactured from a blend of solvent refined mineral oils and a multipurpose ash less hydraulic oil additive system.

Benefits

ALDEN ZF 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.

Application

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

ALDEN ZF 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

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	160	180	205	210	225	230	245

Gannon Oils Ltd, Unit 6 Sovereign Court, Wyrefields, Poulton Business Park, Poulton-le-Fylde, Lancashire FY6 8JX
TEL: 01253 899240, FAX: 01253 899280, Email sales@gannonoils.com, www.gannonoils.com

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