



Cutwel Limited

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Hydro Range

Premium Performance Hydraulic & Circulatory Fluids

Product Profile

Hydro Oils have been developed for use in most hydraulic power and control systems. Manufactured from heat stable high viscosity index solvent refined base oils, they incorporate additives to improve the anti-wear performance, oxidation resistance, protection from corrosion, air release and anti-foaming tendencies.

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 include bearings, gearboxes, fluid couplings and general circulating systems of static industrial hydraulics and mobile earth-moving plant.

Performance Specifications

Hydro Oils meet the requirements of general industrial specifications such as Sperry Vickers I-286-S, Denison Filterability TP02100, AFNOR NF E 48-603 (HM), DIN 51524 Part 2 (HLP) and CETOP RP91H (HM).

Typical Test Data

	A7A	A7B	A7C	A7D	A7E	A7F	A7G	A7H	A7J	A7K
ISO Viscosity Grade	10	15	22	32	(37)	46	68	100	150	220
Density @ 60°F	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.9
K.V. @ 40°C (cSt)	10	15	21	31	37	46	68	100	150	220
K.V. @ 100°C (cSt)	2.6	3.4	4.4	5.3	6	6.7	8.8	11.4	14	19
Viscosity Index	95	95	101	101	101	100	100	100	95	95
Flash Point (°C)	153	156	205	226	210	231	234	245	250	246
Pour Point (°C)	-30	-28	-22	-22	-22	-22	-22	-22	-18	-18

Availability

Hydro Oils are available in 1000 litre IBC's, 205 litre barrels and 20 litre drums.

Health and Safety

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

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification.