



Industrial
Lubricants



Automotive
Lubricants



Biodegradable
Lubricants



Agricultural
Lubricants



Cleaning &
Maintenance
Lubricants



Greases &
Pastes



Foodsafe
Lubricants



Heritage Oils



Lubrication
Equipment



Metalworking
Fluids



Hydraulic Oils

Premium Performance Hydraulic & Circulatory Fluids

Product Code: A7A, A7B, A7C, A7D, A7E, A7F, A7G, A7H, A7J, A7K

Product Description

Pennine Hydraulic 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

Pennine Hydraulic 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



Certificate Number: 9480
ISO 9001



Pennine Lubricants Limited Company reg no. 3510091



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Availability

Pennine Hydraulic Oils are available in bulk, 1000 litre IBC's, 205 litre 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 & 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 Pennine Lubricants is one of continual improvement, we therefore reserve the right to change specifications without notice.

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