



Industrial Lubricants



Automotive Lubricants



Biodegradable Lubricants



Agricultural Lubricants



Cleaning & Maintenance



Greases & Pastes



Foodsafe Lubricants



Heritage Oils



Lubrication Equipment



Metalworking Fluids



HVI Hydraulic Oils

High Viscosity Index Multigrade Hydraulic Oils

Product Code: A8A, A8B, A8C, A8D, A8E

Product Description

Pennine HVI Hydraulic Oils are a range of premium quality multigrade hydraulic oils. They have a very high viscosity index and are especially designed for use in hydraulic power and control systems that are subject to extremes of temperature, or where fine control is required.

Applications

Suitable for all applications where a high viscosity index (HVI) hydraulic oil is needed for plant which is subjected to a wide range of temperatures, e.g. in and out of cold stores or brick kilns. These products are commonly used in applications ranging from off-highway construction equipment hydraulics to the most sensitive hydraulic control systems on precision machine tools.

Performance Specifications

Pennine HVI Hydraulic Oils meet the requirements of general industrial specifications such as Sperry Vickers I-286-S, Denison Filterability TP 02100, DIN 51524 Part 2 (HLP), Part 3 (HVLP), AFNOR 48-603 (HM, HV), CETOP RP91H (HM, HV).

Typical Test Data

	A8A	A8B	A8C	A8D	A8E	A8F
HVI Hydraulic oil	T15	T32	T37	T46	T68	T100
ISO Viscosity Grade	15	32	37	46	68	100
Density @ 20°C	0.87	0.87	0.88	0.88	0.88	0.89
K. V. @ 40°C cSt	15	33	37	46	68	100
K. V. @ 100°C cSt	3.89	6.3	7.07	8.3	10.9	14.5
Viscosity Index	163	153	156	157	150	150
Flash Point °C	150	200	200	205	205	205
Pour Point °C	-38	-38	-38	-38	-36	-36





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Availability

Pennine HVI Hydraulic Oils are available in bulk, 1000 litre IBC's, 205 litre barrels, 25 litre drums and 5 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 and 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.

