



Industrial Lubricants



Automotive Lubricants



Biodegradable Lubricants



Agricultural Lubricants



Cleaning & Maintenance



Greases & Pastes



Foodsafe Lubricants



Heritage Oils



Lubrication Equipment



Metalworking Fluids



## Vista Machine Oils

Multipurpose Machine Oils

Product Code: AAE, AAF, AAG, AAH, AAJ, AAK, AAL, AAM, AAN, AAP, AAQ, AAR

### Product Description

Pennine Vista Machine Oils are premium quality, general purpose multifunctional oils manufactured from highly refined, paraffinic virgin base oils and are particularly suited for applications where EP treated oils are not desirable. They have inherently good resistance to oxidation, good demulsification properties, excellent thermal stability and low foaming tendencies.

### Applications

Recommended for industrial applications where loads and temperatures are low to moderate including: machine tool circulatory systems, plain and rolling element bearings, spur, bevel, helical and worm gearboxes and applications where a non EP mineral oil is specified.

### Typical Test Data

	AAE	AAF	AAG	AAH	AAJ	AAK	AAL	AAM	AAN	AAP	AAQ	AAR
Viscosity Classification	3	10	15	22	32	46	68	100	150	220	320	460
Density @ 20°C	0.83	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.92
K. V. @ 40°C cSt	3	10	15	22	32	46	68	100	150	220	320	460
K. V. @ 100°C cSt		2.6	3.5	4.2	5.4	6.8	8.8	11.2	14.8	19.2	24.6	31
Viscosity Index		74	80	100	100	95	95	95	95	95	95	95
Flash Point (IP35) °C	114	148	155	170	222	228	223	225	243	249	255	255
Pour Point (IP15) °C		-30	-25	-18	-12	-9	-9	-9	-6	-6	-6	-6





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### Availability

Pennine Vista Machine 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.

