

Industrial  
Lubricants



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Heritage Oils



Lubrication  
Equipment



Metalworking  
Fluids



## Ultrafleet MST HD 10w/30

Mid SAPS Heavy Duty Diesel Engine Oil  
Product Code: A0X

### Product Description

Pennine Ultrafleet MST HD 10w/30 is a heavy-duty diesel engine oil formulated to meet the demanding Euro 5 & Euro 6 low emission requirements. The product utilises the very latest Mid SAPS (Sulphated Ash, Phosphorus and Sulphur) technology designed to protect sensitive after-treatment systems (such as SCR) and reduce plugging of Diesel Particulate Filters (DPF).

### Applications

Pennine Ultrafleet MST HD 10w/30 is recommended for use in trucks, buses, tractors and other off-highway equipment fitted with Euro 5 & Euro 6 engines requiring an oil of this viscosity. The product is suitable for extended drain capabilities in accordance with the OEM recommendations. Ultrafleet MST HD 10w/30 is backward compatible with older engines requiring a 10w/30 oil allowing for grade rationalisation if required.

### Typical Test Data

SAE Classification	10w/30
Specific Gravity @ 15°C	0.865
Kinematic Viscosity @ 100°C (cSt)	12.0
Kinematic Viscosity @ 40°C (cSt)	81.5
Viscosity Index	142
Flash Point (COC) (°C)	225
Pour Point (°C)	-36
TBN (mg KOH / g)	10.5
Sulphated Ash (% weight)	1.0% max.



Certificate Number: 9480  
ISO 9001

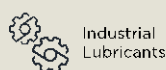


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### Performance Specifications

API	CJ-4/CI-4+/CI-4, SM/CF	Renault	RLD-3
ACEA	E9, E7	Caterpillar	ECF-3, ECF-2, ECF-1-a
Cummins	CES 20081	JASO	DH-2, DH-1
Mercedes Benz	228.31		
Mack	EO-O Premium Plus		
MAN	M3575, M3275		
MTU	Type 2.1		
Volvo	VDS-4		

### Availability

Pennine Ultrafleet MST HD 10w/30 Motor Oil is 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 as to 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.



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