

Industrial  
LubricantsAutomotive  
Lubricants

## Biodegradable Lubricants

Agricultural  
Lubricants

Cleaning & Maintenance



Greases &amp; Pastes

Foodsafe  
Lubricants

Heritage Oils

Lubrication  
Equipment

## Metalworking Fluids



## Unicat TO-4 Oils

## Heavy Duty TO-4 Specification Plant Oils

Product Code: A35, A36, A37

## Product Description

Pennine Unicat TO-4 Oils are a range of transmission oils designed for use in heavy duty Off-Highway equipment. They are manufactured from shear stable, high viscosity index, solvent refined base oils with a balance of antioxidant, anti-wear and detergent-dispersant additives.

## Applications

Pennine Unicat TO-4 Oils are recommended for powershift transmissions, final drives, hydraulic systems and oil immersed brakes on heavy duty off-highway equipment from some of the world's leading manufacturers.

## Performance Specifications

Unicat TO-4 Oils are suitable for use where the following specifications are called for:-

Caterpillar TO-4	ZF TE-ML 03C / 07	Allison C-4
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## Typical Test Data

	A35 10w	A36 30	A37 50
SAE Classification	10w	30	50
K. V. @ 40°C cSt	35	94	214
K. V. @ 100°C cSt	6	11	19
Viscosity Index	100	100	100
Flash Point (IP35)	206	213	230
Density @ 60°F	0.88	0.88	0.9

## Availability

Pennine Unicat TO-4 Oils are available in bulk, 205 litre barrels and 25 litre drums.

## 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.



Certificate Number: 9480  
ISO 9001



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