



Industrial  
Lubricants



Automotive  
Lubricants



Biodegradable  
Lubricants



Agricultural  
Lubricants



Cleaning &  
Maintenance



Greases &  
Pastes



Foodsafe  
Lubricants



Heritage Oils



Lubrication  
Equipment



Metalworking  
Fluids



## Heavy Duty EP Gear Oils

API GL-4 Gear & Transmission Fluids

Product Code: A2F, A21, A22, A23, A24, A25, A26

### Product Description

Pennine Automotive Heavy Duty EP Gear Oils are high performance, multi-purpose gear lubricants. Formulated using the finest quality solvent refined base stocks combined with carefully chosen extreme pressure additives to give the required performance characteristics to ensure long and trouble-free component and oil service life.

### Applications

Pennine Automotive Heavy Duty EP Gear Oils are suitable for use in manual gearboxes auxiliary gearboxes transaxles and final drives in cars, light commercials, buses and trucks, where an API GL4 type lubricant is specified. They provide protection for gears and bearings against rust, wear and corrosion and are compatible with all conventional seal materials. They can be used at oil temperatures up to 100°C, possessing high thermal and chemical stability and have excellent resistance to foaming.

### Performance Specifications

Pennine Automotive Heavy Duty EP Gear Oils exceed the requirements of API GL4, MIL-L-2105 and CS3000A

### Typical Test Data

|                         | A2F<br>75W | A21<br>80EP | A22<br>80w/90E<br>P | A23<br>90EP | A24<br>85w/140EP | A25<br>140EP | A26<br>Multi P |
|-------------------------|------------|-------------|---------------------|-------------|------------------|--------------|----------------|
| SAE Classification      | 75         | 80          | 80w/90              | 90          | 85w/140          | 140          | 80w/90         |
| Specific Gravity @ 60°F | 0.89       | 0.88        | 0.89                | 0.89        | 0.9              | 0.9          | 0.89           |
| K. V. @ 40°C cSt        | 46         | 77          | 140                 | 174         | 430              | 430          | 140            |
| K. V. @ 100°C cSt       | 7.1        | 9.9         | 15                  | 16          | 30               | 30           | 15             |
| Flash Point (IP35) °C   | 158        | 218         | 225                 | 225         | 271              | 271          | 225            |
| Pour Point (IP15) °C    | -40        | -33         | -35                 | -12         | -20              | -20          | -35            |
| Viscosity Index         | 113        | 110         | 100                 | 95          | 100              | 100          | 100            |



Certificate Number: 9480  
ISO 9001



Pennine Lubricants Limited Company reg no. 3510091



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# PENNINE

## LUBRICANTS

### PRODUCT DATA

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### Availability

Pennine Automotive Heavy Duty EP Gear Oils are available in bulk, 205 litre barrels, 25 litre drums and 10 litre, 5 litre, 1 litre and 500ml 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 is one of continual improvement, we therefore reserve the right to change specifications without notice.



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