

## **Tipper Guard Max**

*Co-branded Oil of Ashok Leyland & Gulf Oil  
for Gear box of AL Taurus Tippers*

### **Product Description**

**Tipper Guard Max** is premium performance gear box oil designed to provide effective lubrication in syncromesh gearboxes of Ashok Leyland Taurus Tippers in off-highway applications. It is formulated from high quality base stocks and proven performance extreme pressure additives to provide reliable protection to gear components against wear and scoring in the most severe operating conditions. **Tipper Guard Max** offers protection against oxidation degradation and rust & corrosion. The products exceed requirements of API GL-4, US MIL-L-2105 and BIS 1118 EP type GL-4 specifications for gear oils.

### **Features & Benefits**

- Excellent extreme pressure and antiwear properties protect against wear and scoring leading to lower maintenance costs and enhanced equipment durability of gear components even under arduous operating conditions.
- High oxidation stability minimises deposit formation facilitating longer gear and bearing life
- Effective rust and corrosion protection reduces wear and extends component life
- Better low temperature fluidity reduces wear at start-up and helps in smoother shifting at low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimise leakages and reduce chances of contamination

### **Applications**

- Syncromesh manual transmissions of Ashok Leyland Taurus Tippers in off-highway applications to provide a drain interval of up to 1000 hours.
- On-road light and heavy duty trucks, buses, vans and Off-highway equipment in construction, mining and agriculture where such quality oils are specified
- Not suitable for rear axles requiring API GL-5 type oils

### **Specifications, Approvals & Typical Properties**

<b>Meets the following Specifications</b>		<b>85W-140</b>
API GL-4		<b>X</b>
US MIL-L-2105		<b>X</b>
BIS 1118 EP type GL-4		<b>X</b>
<b>Approvals</b>		
Ashok Leyland		Approved as co-branded gear oil for syncromesh gear boxes of Ashok Leyland Taurus Tippers
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Viscosity at 100 °C, cSt	D 445	27.6
Viscosity Index	D 2270	95
Flash Point, °C	D 92	213
Pour Point, °C	D 97	-27
Density @ 15°C, Kg/l	D 1298	0.885

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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