

## **INDUSTRIAL GEAR OILS**

### **IPOL GEAROL GRADES**

#### **Description:**

Gears and gear boxes are an important part of any machine. They are utilized to change speed, torque and direction of motion of its individual components. The lubricant has to cool the mating surfaces, provide oil film of adequate strength and reduce the noise levels. The selection of the proper lubricant is based on the speed, the load and type of loading while the method of lubrication is also important in providing adequate lubrication.

#### **Salient Features:**

**IPOL GEAROL OILS** are premium quality lubricants, manufactured using selected neutral base stocks and fortified with sulphur-phosphorous type of EP additives. They also contain optimum quality of antifoam, antirust and anti oxidant package of additives. These grades meet IS 8406/93 specifications.

#### **Application:**

- Ideal for all the systems, subjected to heavy shock load.
- Perform even upto 110°C service temperature.
- May be used for spray lubrication systems, in addition to conventional dip method.

#### **Benefits:**

**IPOL GEAROL GRADES** offer the below mentioned BENEFITS:-

- Provide rust protection to the gear box internals.
- Help Reducing gear box operating temperatures.
- Offer excellent performance by reducing wear of the meshing gear teeth.

## Product Data

### Typical Results: IPOL GEAROL OILS

Characteristics	Test Methods	Results							
		68	100	150	220	257	320	460	680
Colour	Visual	O P A Q U E							
Spec. Gravity @ 30°C	IS-1448 P-32	0.870	0.875	0.884	0.895	0.897	0.910	0.913	0.918
Pour Point	ASTM D 97	-6	-6	-6	-6	-6	-6	-6	-6
Flash Point (COC) °C	ASTM D-92	200	205	205	210	210	210	220	240
Viscosity cSt @40°C	ASTM D-445	68	100	150	220	257	320	460	680
Copper Corrosion	ASTM D-130	Not Worse than No.1							

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