

### HYDROPAC PREMIUM OILS

#### Description:

Hydraulic Oils at high pressures are employed to actuate mechanisms of mobile or stationery machines. Positive displacement pumps e.g. gear, vane or piston types are used for developing these pressures. The moving parts of these expensive pumps would wear out and not perform satisfactorily unless the right type of anti-wear hydraulic oil is used.

*IPOL HYDROPAC PREMIUM* grades are Antiwear type products having extreme pressure characteristics. These are blended from specially selected high viscosity index base-oils fortified with additives to obtain the required anti-wear characteristics. These oils are also additived with rust and oxidation inhibitors. They also have excellent de-emulsibility and anti-foam characteristics.

#### Application:

*IPOL HYDROPAC PREMIUM* grades are extensively used for high pressure hydraulic systems, screw compressors and other circulating oil systems where the oil is re-circulated and used for long periods with least make-up.

#### Performance Claims:

*IPOL HYDROPAC PREMIUM 32, 46 and 68* meet IS:11656 & DIN 51524 specifications and are specifically recommended for use in high pressure systems operating above 70 kg/cm<sup>2</sup>.

#### Benefits:

- Low make-up losses
- The wear of moving parts is reduced.
- Oil change periods can be increased.
- Reduction in inventory is possible as these can be used for various other applications.

## Product Data

### Typical Results : IPOL HYDROPAC PREMIUM OILS

Characteristics	Test Method	Result		
		32	46	68
Appearance	Visual	Bright & Clear		
Colour	ASTM D 1500	0.5	0.5	0.5
Density @15°C	ASTM D-1298	0.850	0.856	0.859
Flash Point COC°VC	ASTM D-92	185	234	250
Pour Point	ASTM D-97	-18	- 18	- 18
Viscosity cSt @40°C	ASTM D-445	32	46	68
Viscosity cSt @100°C	ASTM D-445	5.5	7.2	9.51
Viscosity Index	ASTM D-2270	119	119	119

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