

### IPOL HYDROLEX OILS

#### Description:

IPOL Hydrolex oils are Extra High Viscosity Index Hydraulic oils blended using specially selected, chemically stable base oils, Viscosity Index improver and performance proven anti-wear, anti-oxidant, antirust additives. These are premium grade oils with outstanding thermal stability and high FZG rating.

#### Application:

IPOL Hydrolex oils are recommended for use in modern hydraulic systems employed in off-highway earth moving equipments like Tata Hitachi, Poclain excavators, L&T Komatsu excavators etc. Also recommended for low operating temperature conditions requiring premium quality antiwear type hydraulic oils.

#### Performance Claims:

IS 11656 - 1986 (Re-affirmed)  
DIN 51524 (Part II)  
Tata Hitachi TH 46 requirement

#### Performance Benefits:

- Extra high viscosity index - minimal variation in viscosity
- Very low pour point - flow-able in arctic climate
- High Shear stability - maintains viscosity in long service
- Protects system internals from rusting.

**Typical Results: IPOL Hydrolex oils**
**Product Data**

Characteristics	Test Method IS 1448	Hydrolex		
		TH 46	K-68	LTP 100
Appearance	Visual	B R I G H T & C L E A R		
Viscosity at 40°C cSt	P:25	43.0 - 48.0	64.0 - 72.0	100.0 - 110.0
Viscosity Index (min.)	P:56	135	135	135
Flash Point COC°C (Min.)	P:69	200	210	210
Pour Point	P:10	(-)33	(-)24	(-)24
TAN mg KOH/gm (Max.)	P:2	1.0	1.0	1.0
Emulsion Characteristics.	P:91	40-38-2 (20)	40-37-3 (30)	40-37.3 (30)
FZG - NIEMANN EP Test Pass Load stage		10 <sup>th</sup> Min.		
Copper strip corrosion @ 100°C / 3 hrs	P:15	Not worse than no.1		
Rust Preventive Characteristics	P:96 B	Shall Pass		

The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.

Spltech/02-11/0410  
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