

IPOL HYDROPAC AW OILS

Description:

IPOL Hydropac AW oils meeting ISO VG-15 to 150 requirements are blended using high viscosity index, chemically stable, virgin base oils and specially selected anti-wear, anti-oxidant, antirust and anti-foam additives.

Application:

IPOL Hydropac AW oils are recommended for use in high pressure hydraulic systems (1000 psi and above) and also in systems where high speed actuations are desired. Such oils are extensively used in CNC and special purpose machines as also in positive displacement pumps Axle, Piston, Vain and gear tight. These can also be use in small gear boxes, compressors, chain drives and circulating oil systems machine tools etc. These are not recommended for lubrication of turbines and equipments having silver coated components.

Performance Claims:

IS 10522 - 1993 (Re-affirmed)
DIN 51524 (Part I),
Vickers I-286-S3
IPSS : 1- 09-022
USS -127
Vickers V-104C Vane pump test

Benefits:

1. Least wear of pump components, valves, cylinders, pistons etc.
2. Rust protection to system internals.
3. Good demulsibility to allow entrained water to settle down.
4. Resistance to foaming to ensure prompt functioning.
5. Longer service life through extension in oil change periods.
6. Reduction in inventory as these are multipurpose products.

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Typical Results: IPOL Hydropac oils

Product Data

Characteristic s	Test Method IS 1448	Result								
		AW 15	AW 22	AW 32	AW 37	AW 46	AW 57	AW 68	AW 100	AW 150
Appearance	Visual	B R I G H T & C L E A R								
Colour	ASTM D 1500	2.5	3.0	3.0	3.5	3.5	4.0	4.0	4.5	4.5
Viscosity at 40°C cSt	P:25	13.5 To 16.5	19.8 To 24.2	28. 8 To 29. 2	33.3 To 40.7	41.8 To 50.2	51.3 To 62.7	61.2 To 74.8	90 To 110	135 To 165
Viscosity Index (min.)	P:56	98	98	98	95	95	95	95	95	95
Flash Point COC°C (Min.)	P:69	160	160	185	185	185	185	215	215	215
TAN mg KOH/gm (Max.)	P:2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Rust Preventive Characteristic s	ASTM D 665B	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Pour Point	P:10	-9	-9	-9	-9	-6	-6	-6	-3	-3
Emulsion Characteristic s.	ASTM D 1401	40- 37-3 (15)	40- 37-3 (15)	40- 37- 3 (20)	40- 37-3 (20)	40- 38-2 (20)	40- 37-3 (30)	40- 37-3 (30)	40- 37- 3 (30)	40- 37-3 (30)
Copper strip corrosion @ 100°C / 3 hrs	P:15	Not worse than no.1								

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