

IRANOL HV is produced using high-quality paraffinic base oil derived from the fractional distillation of crude oil, subjected to a hydrogenation process. It also contains additives that enhance the viscosity index, provide anti-wear, anti-oxidation and anti-rust priorities, specifically designed for power transmission applications.

► Performance Levels

- DENISON HF-0,1,2
- DIN 51524 Part – III (HVLP)

► Applications

- Industrial and marine hydraulic and power transmission systems.
- Static and dynamic hydrohalic equipment in road construction and building machinery.
- Recommended for applications where the above performance levels are specified by the manufacturer, particularly in equipment operating under variable and wide temperature ranges.

► Advantages

- High viscosity index.
- Excellent oxidation and shear stability.
- Excellent water separation and air release properties.
- High resistance to compressibility.
- Excellent filterability.
- Protection against corrosion and rust.

Characteristic	15	22	32	37	46	68	100	Test method ASTM
Kinematic viscosity @ 40 °C, cSt	15	22	32	37	46	68	100	D-445
Viscosity index (VI)	150	150	150	150	150	150	150	D-2270
Flash point, °C	170	180	195	200	210	210	215	D-92
Pour point, °C	-30	-30	-30	-36	-30	-30	-30	D-97
Density @ 15 °C, Kg/m ³	850	860	870	870	875	880	885	D-1298
Water separability	PASS							D-1401
Copper corrosion @ 100 °C	Class 1a							D-130

Typical physical characteristics

* Packaging

- Drum 208L.