

Lubrication

ACANTIS HM



Anti-wear hydraulic oil.

PRODUCT PROFILE



International Specifications

OEM Requirements

- Acantis HM is a unique blend of refined thermally and chemically stable base oils coupled with antirust, antifoam, antioxidant, and antiwear additives. It is formulated to suit the efficient & trouble free operation in Hydraulic & Lubrication system. Acantis HM series meets the following specifications
- ISO 6743/4 HM
- DIN 51524 Part 2 HLP
- VICKERS V-104 C
- DENISON HF0 – Based on T6H20C Hybrid pump
- IS 10522 – 1998

APPLICATION

Hydraulic circuits

- Used for all hydraulic systems, hydraulic pumps operating under medium pressure.
- Can be used in gear boxes, chain drives, compressor, vacuum pumps depending on model, speed and respective manufacturer's requirements.
- Used for lubrication of plain and roller bearing by circulation as well as by splash oiling systems for gears & machine tool system.
- Not suitable for system having silver and cadmium plated components.
- Also recommended for circulation, splash, bath and ring oiling system.

ADVANTAGES

Equipment Life

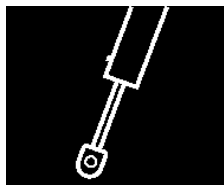
Operating Reliability

- Good Anti-wear properties helps in enhancing pump life
- Excellent resistance to hydrolysis and oxidation helps in extending the life of oil
- Good demulsification ability allowing for quick water / oil separation
- Superior antifoam properties helps in excellent hydraulic response & proper lubrication performance by preventing pump wear, cavitations & maintain pressure
- Render good antirust and anticorrosion property which helps to extend equipment life
- Exhibit optimum Viscosity Index
- Exhibit good filtration ability in the presence of water.

TOTAL OIL INDIA PVT. LTD.

Head Office : 3rd Floor, The Leela Galleria, Andheri-Kurla Road, Andheri (E), Mumbai - 400 059. Tel. : 022 66407700 Fax : 022 66407720
Date 01/12

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TOTAL

Typical Characteristics	Reference Methods	ACANTIS HM							
		32	46	68	100	150	220	320	460
Density at 29.5°C, kg/l	ASTM D 1298	0.853	0.859	0.860	0.865	0.880	0.887	0.890	0.894
Kinematic viscosity at 100°C, cSt	ASTM D 445	5.69	6.89	9.08	11.88	15.10	19.30	24.30	32.2
Kinematic viscosity at 40°C, cSt	ASTM D 445	32.24	46.94	69.43	106.5	153.2	227.2	319.1	494.6
Viscosity Index	ASTM D 2270	105	102	105	100	98	96	97	95
Pour point, °C	D 97	-27	-24	-24	-21	-15	-9	-6	-6
Flash point COC, °C	ASTM D 92	220	228	250	260	276	278	282	286

Above characteristics are mean values given as an information.

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