

RENOLIN AC COMPRESSOR OILS

High quality mineral-oil air compressor lubricants

Description

The range of RENOLIN AC COMPRESSOR OILS has been developed to embrace a wide range of equipment maker's specifications and requirements. The products have been subjected to ongoing development over many years and represent a modern approach to compressor lubrication. The range is based on selected low volatility mineral oil fractions to give freedom from deposits caused by oil carry over. Inhibitors are incorporated to control foaming, oxidation and to minimise mechanical wear.

Application

RENOLIN AC32 and AC46 are intended primarily for the lubrication of rotary screw type compressors. Final selection should be in accordance with equipment manufacturer's recommendation.

RENOLIN AC68 and AC100 are intended primarily for the lubrication of reciprocating compressors according to manufacturer's recommendations. Both products may be used for the drip feed lubrication of gears and drive mechanisms in certain screw compressors where oils of this viscosity are stipulated by the machine manufacturers. RENOLIN AC68 and AC100 may also be used in certain sliding vane type compressors where oils of this viscosity are recommended by the equipment makers. Provide minimum drain intervals of 2000hrs in screw and 1000hrs in vane use.

RENOLIN AC150 is intended primarily for the lubrication of sliding vane type compressors and is approved by Hydrovane for use in machines of their manufacture for 500 hour drain periods.

The range may be used in most vacuum pump applications where the viscosity is appropriate.

Advantages/Benefits

- Low volatility
- Good separator/reclaimer life in vane and screw machines
- Low oil consumption and carry over
- Excellent oxidation stability
- Effective corrosion protection

Specifications/Approvals

All products exceed the requirements of DIN 51506 VD-L test sequence.



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CHARACTERISTICS: RENOLIN AC COMPRESSOR OILS

RENOLIN		AC32	AC46	AC68	AC100	AC150	
Characteristics	Unit						Test Method
Appearance		Clear amber fluid	Clear amber fluid	Clear amber fluid	Clear amber fluid	Clear amber fluid	
Specific gravity at 15.6°C		0.873	0.875	0.883	0.885	0.885	IP160
Kinematic viscosity							IP71
at 40°C	mm ² /s	32.0	46.0	68.0	100.0	138.7	
at 100°C	mm ² /s	4.7	6.9	8.5	11.6	15.0	
Viscosity index		90 min.	95 min.	90 min.	90 min.	90 min.	IP226
Flash point (PMCC)	°C	200	200	200 min.	200 min.	220	IP34
Pour point	°C	-9 max.	-12	-12	-18	-29	IP15
Water separation		15	15	20	-	-	ASTM D1401
Air release	minutes	6	8	10	-	-	

The RENOLIN AC range is recognised by leading compressor manufacturers in the UK and overseas.