RENOLIN GP OILS

A range of general purpose mineral oils

Description

A range of non-additive general purpose mineral oils prepared from highly refined base oils. The products have inherently high resistance to the formation of sludges, lacquers and other oxidation products.

They exhibit excellent water separation properties and rapid release of entrained air.

All the products are widely used for many general purpose applications where the viscosity is appropriate and where fortified oils are not required.

Application

Circulatory, total loss and gear systems, where a non EP oil is specified.

The lower viscosity grades are frequently used in re-circulating and total loss lubrication systems. Certain grades are also suitable for use as mould release oils in the cement / concrete industry, for use with steel and fibreglass moulds.

The heavier grades may be recommended for industrial and automotive worm gear and reduction gear units where non EP oils are appropriate.

The products may be used where gear oils to API GL1 are required.

Advantages/Benefits

- Cost effective general purpose lubricants
- Based on highly refined base oils with inherent resistance to degradation
- Excellent water and air separation
- Suitable for use in both industrial and automotive applications (where applicable)

Specifications

The products may be used where gear oils to API GL1 are required.

- BR 664 (M68) – RENOLIN GP68

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Application (Cont)

RENOLIN GP100 is an ideal lubricant for vacuum pumps which specify an ISO VG 100 or SAE 30 grade, exhibiting good inherent oxidation stability and vapour pressure characteristics.

RENOLIN GP460 can be recommended for high speed steam cylinder units, Belliss and Morcom etc. It offers excellent resistance to thermal degradation and rapid separation from water. Consequently, RENOLIN GP460 is suitable for applications where separation from condensate is particularly important, and highly superheated steam conditions exist. RENOLIN GP460 offers excellent resistance to thermal degradation and rapid separation from water.

The prime function of a steam cylinder lubricant is to provide a film of oil which will reduce friction and wear, whilst minimising leakage of steam past valves, pistons and glands.

CHARACTERISTICS: RENOLIN GP OILS

RENOLIN		**GP32**	**GP46**	**GP68**	**GP100**	
Characteristics	**Unit**					**Test Method**
Specific gravity at 15.6ºC		0.893	0.873	0.878	0.883	IP160
Kinematic viscosity						IP71
at 40ºC	mm^2/s	31.0	46.0	68.0	100	
at 100ºC	mm^2/s	5.4	6.6	8.5	11.0	
Flash point (PMCC)	ºC	204	-	232	204	IP34
Flash point (COC)	ºC	-	210	-	-	
Pour point	ºC	-9	-18	-6	-10	IP15

RENOLIN		**GP150**	**GP220**	**GP320**	**GP460**	
Characteristics	**Unit**					**Test Method**
Specific gravity at 15.6ºC		0.888	0.893	0.893	0.895	IP160
Kinematic viscosity						IP71
at 40ºC	mm^2/s	150	220	315	433	
at 100ºC	mm^2/s	14.6	20.3	23.5	30.0	
Flash point (PMCC)	ºC	210	226	261	268	IP34
Pour point	ºC	-12	-9	-8	-7	IP15

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