

MAK UNIVOL

Description

MAK UNIVOL grades are formulated from high refined superior quality hydro finished base oil, it have viscosity index, low sulphur and have inherent anti-oxidation and antifrust properties.

Application

These oils are recommended for general purpose application of all type of industrial machinery using once through lubricating system. These are also recommended for use in lubricating system of machine tools and other machine parts, which are lubricated by a thin film of oil.

Benefits

- Exceptionally good oxidation and chemical stability
- Non corrosive & non toxic
- Rust inhibition

Performance Level

- IS 493(Part 1):1981 [Reaffirmed Sep 2009]

Technical Specifications

Characteristics	ASTM	MAK UNIVOL							
		32	46	68	100	150	220	320	460
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
K.V at 40° C, cSt	D445	32.3	46.9	68.5	100.6	150.4	220.1	320.7	460.5
Viscosity Index	D2270	103	101	100	98	97	95	93	93
Pour Point, °C	D97	-9	-9	-9	-6	-6	-6	-6	-6
Flash Point, (COC), °C	D92	208	216	230	236	240	250	256	270
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1a	1a	1a	1a	1a	1a	1a	1a

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bung position at 3'o'clock 9 'o clock position
- Barrels should be kept away from dusty or heated areas as much as possible

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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