

MAK UNIVOL 12

Description

MAK Univol Grades are highly refined and hydroprocessed mineral oils which have inherently high viscosity index and have good oxidation & thermal stability. They maintain a thin film of oil under light and medium load and provide protection against corrosion and rust even during idle condition.

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 12
Color	D 1500	L0.5
Appearance	--	Clear fluid
K.V at 40° C, cSt	D445	12.17
Viscosity Index	D2270	102
Pour Point, °C	D97	-15
Flash Point, (COC), °C	D92	186
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	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 bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet (MSDS) 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.

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