



MAK[®]
LUBRICANTS

MAK PROCESSOL R

Description

MAK PROCESSOL R is made up of high refined superior quality hydro finished base oil, having low sulphur & high viscosity index with inherent anti-oxidation and anti-rust properties which ensure protection of equipment / machinery from rust and corrosion even during idle periods.

Application

These oils are specially developed for use by Indian Railways as Oil Machinery / General Purpose Machinery Oil. These are also suitable for general purpose lubrication in mild operating conditions for use in all types of industrial machinery

Benefits

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

PERFORMANCE LEVEL

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

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
- During handling any contact with dust must be avoided.

Technical Specifications

Characteristics	ASTM	MAK PROCESSOL R						
		32	46	68	100	150	220	320
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
K.V at 40° C, cSt	D445	32.1	46.5	68.3	100.4	150.9	220.8	320.6
Viscosity Index	D2270	102	100	100	98	97	95	94
Pour Point, °C	D97	-6	-6	-6	-3	-3	-3	-3
Flash Point, (COC), °C	D92	202	218	236	244	248	250	262
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1a	1a	1a	1a	1a	1a	1a
Inorganic Acidity mg KOH/g	D972	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Saponification Value	D664	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Rust Preventing Characteristics	D482	Passes	Passes	Passes	Passes	Passes	Passes	Passes

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

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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