

MAK RUN IN OIL

These oils are suitable for prevention-cum-engine break-in and for lubrication until the first scheduled oil change of engines operating at outputs of 150 BMEP or below.

These are recommended for factory fill and as break-in oil for all new and rebuilt engines.

- Excellent preservation properties
- Protect engine parts from sea water corrosion during shipment & storage

- API SC / CC
- IS 13656 : 2002 Type EDL1 & EPL1
- US MIL-L-2104B
- US MIL-L-21260B

| Characteristics | ASTM | MAK RUN IN OIL | | |
|---|-------|------------------------------------|------------------------------------|------------------------------------|
| | | 30 | 40 | 50 |
| Appearance | -- | Clear & Bright | Clear & Bright | Clear & Bright |
| Colour, Visual Observation | -- | Brown | Brown | Brown |
| Density @15°C | D1298 | 0.8976 | 0.9080 | 0.9100 |
| K.V at 100° C, cSt | D445 | 11.2 | 13.5 | 18.5 |
| Viscosity Index | D2270 | 98 | 97 | 96 |
| Flash Point, (COC), °C | D92 | 234 | 232 | 234 |
| Pour Point, °C | D97 | -9 | -9 | -9 |
| Copper corrosion @ 100°C for 3 hrs. | D130 | 1a | 1a | 1a |
| Foaming Tendency / Stability: Qty. of foam in ml a) Sequence I b) Sequence II c) Sequence III | D892 | Nil / Nil 10 / Nil Nil / Nil | Nil / Nil 10 / Nil Nil / Nil | Nil / Nil 10 / Nil Nil / Nil |

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

- 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.
- During handling any contact with dust must be avoided.

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

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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