



**CALIBRATION OIL  
MOTOROL CALIBEST M / K**



**Introduction:**

MOTOROL CALIBEST oil are derived from low Sulphur distillate and are highly refined and specialized products, duly meeting the stringent specification of MICO (Bosch license) and Kirloskar Cummins specifications.

**Applications:**

Used as a calibration fluid medium for the calibration of fuel injection pump, fuel injection nozzle and elements of stationary as well as mobile engines.

**Advantages:**

- ◆ Low pour point
- ◆ Good oxidation resistance, no sludge formation
- ◆ Low odour
- ◆ Non irritant to skin
- ◆ Non foaming
- ◆ Maintains viscosity temperature relationship
- ◆ Good resistance to metal corrosion
- ◆ Selected boiling range

**Performance Standard:**

**Motorol Calibest (M)** is used for calibrating the fuel injection nozzle of diesel engines meeting the specification of MICO (Bosch License) No. 9916034004 and ISO 4020 standards.

**Motorol Calibest (K)** is used for calibration of nozzle for stationary engines meeting Cummins specifications such as Viscor 1487-C, SAE J967 – C and ISO 4113.

**Typical Specifications:**

Sr. No.	Characteristics	Test Methods	Calibest M	Calibest K
1	Color , Max	ASTM D 1500	0.5	0.5
2	Kinematic Viscosity at 40°C, cSt	ASTM D 445	3.9 – 4.1	2.45 – 2.60
3	Flash Point (COC), °C Min	ASTM D 92	100	75
4	Pour Point, °C Max	ASTM D 97	0	-9
5	Acidity mg KOH/g, Max	ASTM D 974	0.2	0.1
6	Foaming Tendency	ASTM D 892	Less than 20 Sec	Less than 20 Sec
7	Copper Corrosion at 100°C for 3 Hrs.	ASTM D 130	Pass	Pass
8	Sulfur Content, % Max	ASTM D 129	0.1	0.1

**Environment, Health & Safety:**

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.