



**CORPORATE PURCHASING SPECIFICATION**

AA57805

Rev No. 02

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**DIESEL OIL - LIGHT**

**1 GENERAL**

This specification governs the quality of 'Diesel Oil – Light Diesel Oil' grade.

**2 COMPLIANCE WITH NATIONAL STANDARDS**

The material shall comply with the following requirements of the national standards and also meet the requirements of this specification.

IS 15770 – 2008 : Light Diesel Oil

**3 TEST SAMPLES**

As per IS 1460

**4 CHEMICAL PROPERTIES**

When tested in accordance with the test methods shown against each, the material shall show the following properties.

**4.1 Acidity, Inorganic (IS 1448, Part 2)**

Nil

**4.2 Ash (IS 1448, Part 4)**

0.02% by mass, Max.

**4.3 Pour Point (IS 1448, Part 10)**

12<sup>o</sup> C Max. for winter

21<sup>o</sup> C Max. for summer

**4.4 Copper Strip Corrosion (IS 1448, Part 15)**

Not worse than No. 2 at 100<sup>o</sup> C for 3 hours.

**4.5 Flash Point (Pensky – Martens – Closed) (IS 1448, Part 20)**

66<sup>o</sup> C Minimum.

**4.6 Kinematic Viscosity (IS 1448, Part 25)**

2.5 to 15.0 cS at 40<sup>o</sup>C.

**4.7 Sediment (IS 1448, Part 30)**

0.10% by mass, Max.

**4.8 Water Content (IS 1448, Part 40)**

0.25% by volume, Max.

**Revisions:**

As per clause 44.3.b) of MOM of MRC-CPO+NM

**APPROVED:**

INTERPLANT MATERIAL RATIONALISATION  
COMMITTEE – MRC(CPO+NM)

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Reaffirmed

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**5 TYPE TESTS****5.1 Carbon Residue (Ramsbottom) (IS 1448, Part 8)**

1.5% by mass, max.

**5.2 Total Sulphur (IS 1448 Part 33 or 35)**

1.5% by mass, max.

**6 TEST CERTIFICATES**

Three copies of test certificates shall be supplied along with each consignment.

The supplier should provide material safety data sheet (MSDS) as per ISO 14001 and also as per Fig. 5 of IS 1260, Part 1

**7 PACKING AND MARKING**

As per IS 15770

**8 REFERRED STANDARDS (Latest Publications Including Amendments)**

- 1) IS 1260, Part 1
- 2) IS 1448, Part 2
- 3) IS 1448, Part 4
- 4) IS 1448, Part 10
- 5) IS 1448, Part 15
- 6) IS 1448, Part 20
- 7) IS 1448, Part 25
- 8) IS 1448, Part 30
- 9) IS 1448, Part 40
- 10) IS 1448, Part 8
- 11) IS 1448, Part 30 or 35
- 12) IS 1460