



An ISO 9001:2015 Certified Co.

## Product Data Sheet

### DC General Purpose Machinery Oil

- ISO Designation: ISO-L-AN
- ISO Viscosity Grades: 32,46,68,100,150,220,320,460,680
- Performance Standards: ISO 6743-1, ISO 19378, IS 493 pt. 1, DIN 51517 Pt.1 C
- Usage Guidelines: for various types of non-critical (Once Through or total loss) oiling applications, loom oils, lightly loaded parts (rolling bearings, gears), plain bearings operating under light duty conditions with intermittent lubrication.
- Composition: Base Oil Group II, Additives: None

Physico-Chemical Properties: DC General Purpose Machinery Oil

S.No.	Characteristics	Test Method	32	46	68	100	150	220	320	460	680
1	Kinematic Viscosity @40°C, cSt, range	IS 1448 P:25	28.8 to 35.2	41.4 to 50.6	61.2 to 74.8	90 to 110	135 to 165	198 to 242	288 to 352	414 to 506	612 to 748
2	Pour Point, °C, max	IS 1448 P:10	-9	-6	-6	-3	-3	-3	-3	-3	0
3	ASTM Colour, max	IS 1448 P:12	0.5	0.5	0.5	1	1	1	1.5	1.5	1.5
4	Flash Point (COC), °C, min	IS 1448 P:69	180	180	180	200	210	220	220	240	250
5	Ash, % by mass, max	IS 1448 P:4	← 0.01 →								
6	Total Acidity, mg KOH/g, max	IS 1448 P:2	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20
7	Inorganic Acidity	IS 1448 P:2	← Nil →								
8	Saponification Value, max	IS 1448 P:55	← 1 →								
9	Copper Corrosion, 100°C, 3 hrs	IS 1448 P:15	← 1 →								

Disclaimer: DC makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the product for the application contemplated by the users is solely their responsibility.