



An ISO 9001:2015 Certified Co.

## Product Data Sheet

### DC Reciprocating & Rotary Drip Feed Air Compressor Oil, Normal Duty

- ISO Designation: ISO-L-DAA
- ISO Viscosity Grades: 32,46,68,100,150
- Performance Standards: ISO 6743-3: 2003, ISO 6521-1:2019, IS 13256:1992, IS 11159-4:2011, DIN 51506 VCL
- Usage Guidelines: Normal Duty when, Discharge Temperature < 165°C and Differential Pressure < 2.5MPa and Discharge Pressure < 7MPa
- Composition: Base Oil Group II, Additives: Anti Corrosion (0.4 to 2%), Anti Oxidants (0.4 to 2%), Detergents (0.4 to 2%)

Physico-Chemical Properties: Reciprocating & Rotary Drip Feed Air Compressor Oil, Normal Duty

S.No	Characteristics	Test Method	32	46	68	100	150
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
2	Flash Point, Cleveland (open) cup, °C, min	IS 1448 P:69	190	190	200	210	220
3	Pour Point, °C, max	IS 1448 P:10	-9	-9	-9	-6	-6
4	ASTM Colour, max	IS 1448 P:12	0.5	0.5	0.5	1	1
5	Total Acidity, mg of KOH/g of oil, max	IS 1448 P:2	0.10	0.10	0.10	0.15	0.15
6	Inorganic Acidity, mg of KOH/g of oil	IS 1448 P:2	← Nil →				
7	Rust Preventing Characteristics	IS 1448 P:96	passes test B after 24 hrs				
8	Copper Strip Corrosion, 100°C, 3 hrs	IS 1448 P:15	← 1 →				
9	Oxidation test at 200°C for 2×6hrs : Increase in Conradson Carbon Residue after ageing, %, max	IS 1448 P:65	1.5	1.5	1.5	2	2
10	Oxidation test at 200°C for 2×6hrs : Evaporation loss, %, max	IS 1448 P:65	← 15 →				
11	Emulsion Characteristics, max	IS 1448 P:91	← 40-37-3(30) →				

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