



An ISO 9001:2015 Certified Co.

Product Data Sheet

DC Reciprocating & Rotary Drip Feed Air Compressor Oil, Severe Duty

- ISO Designation: ISO-L-DAB
- 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 VDL
- Usage Guidelines: Severe Duty if, Discharge Temperature > 165°C or Differential Pressure > 2.5MPa or 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, Severe 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 A after 24 hrs				
8	Copper Strip Corrosion, 100°C, 3 hrs	IS 1448 P:15	← 1 →				
9	the presence of Ferric Oxide : Increase in Conradson Carbon Residue after ageing, %, max	IS 1448 P:65	2.5	2.5	3	3	3
10	Oxidation test at 200°C for 21hrs or 4×6hrs in the presence of Ferric Oxide : Evaporation loss, %, max	IS 1448 P:65	← 20 →				
11	Emulsion Characteristics, max	IS 1448 P:91	← 40-37-3(30) →				

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.