

PRODUCT DATA SHEET



CIRCULATION AND HYDRAULIC OILS (R&O)

PHYDOL (R&O) - 32, 46, 68, 100, 150, 220, 320, 460

These are high quality, solvent refined, high viscosity index circulation & hydraulic oils, designed to satisfy the performance requirements for a wide range of hydraulic components in systems, subjected to light and medium load operating conditions. They have good film strength property, inherent oxidation and thermal stability, besides excellent ability to separate from water. They offer high resistance to the formation of lacquers and other oxidation products and resistance to rusting and corrosion in high humidity operations or where low levels of moisture are unavoidable. They provide economical lubrication and protect the components from excessive wear.

Recommended for hydraulic systems, plain and anti-friction bearings of turbo feed pumps, turbo blowers, air compressors requiring turbine quality oil, machine tools, circulation system of industrial gear boxes etc. which do not require EP type of lubricants and where oil is changed after short duration.

PERFORMANCE LEVEL: IS 3098-1983 (Reaffirmed 1993), DIN-51524 Part-1(except for very low pour point), US Steel No. 135 & Cincinnati Milacron P-38, P-54, P-55 and P-57 specifications.

CHARACTERISTICS									
S. NO.	PROPERTIES	PHYDOL (R&O)							
		32	46	68	100	150	220	320	460
1.	Kinematic Viscosity, cSt @40°C	29-35	42-50	64-72	90-110	140-160	200-240	300-340	440-480
2.	Viscosity Index, min.	90	90	90	90	90	90	90	90
3.	Flash Point, COC, °C, min.	180	180	180	180	180	220	220	220
4.	Pour Point, °C, max.	-6	-6	-6	-6	-6	-3	-3	-3
5.	Rust Properties (ASTM D665, 24/hrs.)	-----Pass-----							

* The specifications are subject to variations/ development / customization.

PACKING: 210L, 50L, 20L