DURALIFE® MULTI-PURPOSE R&O OILS

DURALIFE® MULTI-PURPOSE R &O OILS are premium quality, rust and oxidation (R&O) inhibited, antiwear, ashless (zinc-free) multi-purpose R&O oils. They are used in a variety of applications such as circulatory systems for hydraulic systems, vacuum pumps, rolling mills, reduction gears, air compressors, steam turbines, steam-engine crank-chambers for both rolling and plain bearings.

APPLICATIONS :
DURALIFE® MULTI-PURPOSE R &O OILS are recommended for industrial applications, industrial circulating system, direct-drive steam turbines, hydroelectric turbines, gas turbines, rotary and centrifugal air compressors, vacuum pumps, heat transfer fluid where uninhibited oils are recommended. They are also suitable for use in industrial gear drives, plain and rolling element bearings, machine tools, air tools lubricated through airline lubricators, engine air cleaners, process or extender in the rubber and plastic industries.

BENEFITS :

- Provide long oil life with excellent filterability with all commercial filters, including Fullers Earth.
- Good thermal and oxidation stability.
- Excellent demulsibility as it separate from water easily.
- Good antifoam properties.
- Low carbon residue forming tendencies minimizes deposit formation in air compressor service.

TYPICAL CHARACTERISTICS :

Test	Method	RO 10	RO 15	RO 22	RO 32	RO 46	RO 68
API Gravity	ASTM D287	31.52	31.52	30.77	30.21	29.66	28.93
Specific Gravity @ 15.6ºC (60ºF)	ASTM D1298	0.868	0.868	0.872	0.875	0.878	0.882
Viscosity @ 40ºC, cSt	ASTM D445	10.0	14.8	21.7	30.5	46	66
Viscosity Index	ASTM D 2270	75	84	95	95	95	95
Flash Point, ºC (ºF)	ASTM D92	180 (356)	177 (350)	200 (392)	230 (446)	230 (446)	230 (446)
Pour Point, ºC (ºF)	ASTM D97	-27 (-16.6)	-27 (-16.6)	-15 (5)	-15 (5)	-15 (5)	-15 (5)

Test	Method	RO 100	RO 150	RO 220	RO 320	RO 460	RO 680
API Gravity	ASTM D287	28.39	28.21	27.85	26.60	25.37	25.37
Specific Gravity @ 15ºC (60ºF)	ASTM D1298	0.885	0.886	0.888	0.895	0.902	0.910
Viscosity @ 40ºC, cSt	ASTM D445	95.5	147	220	305	440	680
Viscosity Index	ASTM D 2270	95	95	95	95	95	80
Flash Point, ºC (ºF)	ASTM D92	230 (446)	235 (455)	235 (455)	235 (455)	235 (455)	245 (464)
Pour Point, ºC (ºF)	ASTM D97	-12 (10.4)	-12 (10.4)	-12 (10.4)	-12 (10.4)	-12 (10.4)	-9 (15.8)

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and bottle to collection centers.
Reference SDS Number12030 database on our website at ***www.amtecol.com*** *OR scan the code for a direct link*