Sullivan Palatek

# COOLING FLUIDS

COMPRESSOR LUBRICATING & COOLING FLUIDS FOR SUPERIOR PROTECTION

PALASYN 45 \ PAL-EXTRA 44 \ PALLUBE 32P \ PAL-32 LL (FOOD GRADE)
PAL-EXTRA 68 \ PAL-FLUSHLUBE SL-620

# SPECIFICATIONS

## Palasyn 45

Palasyn 45 is specifically formulated polyalphaolefin PAO synthetic blend which results in performance improvements beyond conventional mineral oils and many synthetic oils.

Hours: 4,500 hrs (@ 185°F)

## Pal-Extra 44

Pal-EXTRA 44 is a custom-formulated polyolester 100% synthetic lubricant designed to keep deposits low in high temperatures and resistant to acidic intake air.

Hours: 8,600 hrs (@ 185°F)

## Pallube 32P

Pallube 32p is a specially formulated 100% synthetic lubricant using polyalkalene glycol (PAG) and pentaerythritol esters as the base fluid, which provides better cooling under high ambient temperatures. Does not form varnishe deposits like pretroleum or PAO oils.

Hours: 8,000 hrs (@ 185°F)

## Pal-32 LL

Food Grade 32 LL is a custom blended polyalphaolefin (PAO) of 100% synthetic base oils using only FDA approved ingredients which gives it a high rating for incidental food contact.

Hours: 4,000 hrs (@ 185°F)

## Pal-Extra 68 (High Pressure Units)

Pal-EXTRA 68 is a 100% synthetic lubricant using polyolester (POE) base fluid which is very thermally stable at higher operating temperatures as well as being resistant to degradation from ingested fumes and acidic air.

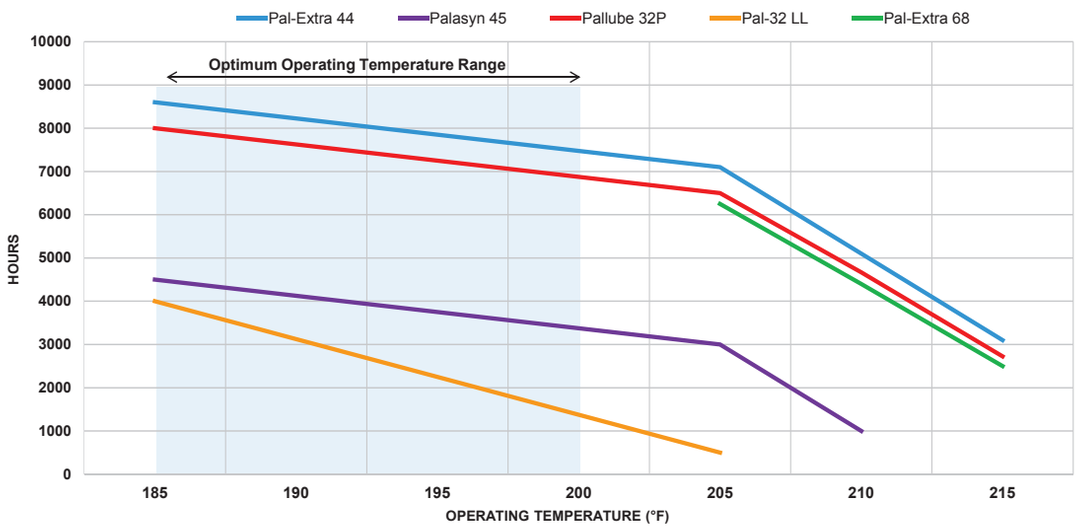
Hours: 6,250 hrs (@ 205°F)

## Pal-Flushlube SL-620

Pal-Flushlube SL-620 is a 100% synthetic cleaning formula designed to dissolve varnish and solubilize sludge during operation. Operate under normal condition for a maximum of 500 hours prior to lubricant change.

## Oil Coolant Life vs. Operating Temperature

| | 185°F | 190°F | 195°F | 200°F | 205°F | 210°F | 215°F |
|---|---|---|---|---|---|---|---|
| Pal-Extra 68 | - | - | - | - | 6,250 hrs | 4,400 hrs | 2,500 hrs |
| Pal-Extra 44 | 8,600 hrs | 8,225 hrs | 7,850 hrs | 7,475 hrs | 7,100 hrs | 5,100 hrs | 3,100 hrs |
| Pallube 32P | 8,000 hrs | 7,625 hrs | 7,250 hrs | 6,875 hrs | 6,500 hrs | 4,670 hrs | 2,725 hrs |
| Palasyn 45 | 4,500 hrs | 4,125 hrs | 3,750 hrs | 3,375 hrs | 3,000 hrs | 1,000 hrs | - |
| Pal-32 LL | 4,000 hrs | 3,125 hrs | 2,250 hrs | 1,375 hrs | 500 hrs | - | - |




Pal-Extra 68 is standard for high pressure packages operating between 200-250 psig.

# FEATURES

Sullivan-Palatek protects your rotary screw compressor with superior synthetic lubricants specifically formulated to meet the demanding environment and operating conditions of your compressed air system. Multiple formula's of lubricants cover the full range of operating environments, from high ambient, high pressure to acidic airborns. Applications involving invironmentally sensative incidental air contact, are handled using our FDA approved ingredients that meet or exceed federal standards.

## Oil Sampling

Sullivan-Palatek recommends oil sampling as the best guide for your fluid change interval. Changing fluid once a year may not be adequate or it can be excessive. For this reason, and hourly service on lubricants is merely a guide. Please consult your factory-trained servicing distributor for questions concerning your lubricant life and Sullivan-Palatek's lubricant sampling program.

**<<<** (Table) Fluid life vs. operating temperature is the only guideline for typical oil life if the temperature is the only variable to be considered. Many variables affect the oil life, i.e., environmental impact from various gases, dust and dirt, compressor short cycling, etc.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Specifications and designs are subject to change without notice.



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