

Parker HT-1000™ Oil

Hydrostatic Transmission Fluid Engineered for Low Maintenance

Low Maintenance 1000 Hour Oil

- Engineered fluid for low maintenance
- All HT Series transmissions include Parker HT-1000™ high performance oil, allowing up to 1000 hours of runtime before the first oil change is required
- Higher temperature and moisture tolerant
- Extends oil change intervals for less downtime
- Protects against user neglect



Improves Vehicle Efficiency

- Factory filled in all Parker HT Series transmissions
- Cooler operations: lower operating temperatures, longer oil life and more operator comfort
- Extended fluid life means greener operation
- Superior oxidation inhibition
- Excellent wear protection
- Now available for aftermarket service
 - 1 quart bottles (p/n 406032)
 - 1 gallon jugs (p/n 406030)
 - 5 gallon buckets (p/n 406029)
 - 55 gallon drums (p/n 406034)
 - 325 gallon bulk totes (p/n 406033)
 - 5000 gallon tanker delivery (p/n 406035)



Contact information

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Technical Data Sheet

Product Description

HT-1000™ is an engineered hydrostatic transmission fluid provided exclusively by Parker. The fluid has a unique additive chemistry designed to maximize oil life while providing optimum anti-wear protection for the components of today's advanced hydrostatic drive systems.

Performance Features

- API Group II base oil extends oil life
- Outstanding oxidation life to maximize component life
- Prevents varnish formation
- Clean, as packaged, to ISO 17/15/12 cleanliness standard
- Special formulation that allows for rapid air release and water separation
- Excellent filterability to minimize filter blockage
- Outstanding acrylate anti-foam agent contains no silicones, which can lead to inaccurate particle counts
- Excellent shear stability for stable viscosity over time
- Superior thermal stability for uncompromised performance at high temperatures
- Parker light amber color for easy identification
- Formulated to help extend the life of transmissions

Applications

- Drain-and-change for most industrial and mobile hydraulic systems specifying mineral-based oil
- Top-treat for replenishing hydraulic systems already using ISO 68, 100, 120, SAE 15W40, 15W50, 20W50 oils
- Wide operating temperature range requirements
- High performance hydrostatic transmissions
- Systems with high pressures and temperatures

Typical Properties	Test Method	
ISO Grade		Monograde 120
Appearance		Light Amber Liquid
Specific Gravity @ 15° C	D4052	.887
Flash Point (COC) °F (°C)	D92	415 (213)
Pour Point °F (°C)	D5950	-11 (-24)
Viscosity		
cSt @ 40°C	D445	126
cSt @ 100°C		13.25
Viscosity Index	D2270	99
Acid Number, mg KOH/g TAN	D664	3.1
Shear Stability		
% viscosity loss after 20 test hours	*KRL, CEC L-45, 20H	8% loss in viscosity @ 100°C



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WARNING

This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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