

TECHNICAL DATA

PAR HYDRAULIC OILS

DESCRIPTION

PAR Hydraulic Oils are full anti-wear hydraulic fluids designed and developed to be used in industrial power transmission and control systems.

FEATURES

PAR Hydraulic Oils are manufactured from heat stable high viscosity index, solvent refined base oils into which are incorporated additives for anti-wear performance, oxidation resistance, anti foaming agents and corrosion protection.

APPLICATIONS

For most hydraulic power transmission systems where reciprocating or rotary fluid pumps are used, including reciprocating and axial piston units, rotary gear and vane pumps. The main application for hydraulic fluids is found in static industrial hydraulic systems and mobile earth moving plant.

PERFORMANCE SPECIFICATIONS

PAR Hydraulic Oils are formulated to exceed the following specifications:

Vickers Vane Pump (IP281)	ASTM D665 A & B
DIN 51524 Part II	Copper Corrosion (ASTM D130)
FZG (CEC LO7-A-85)	Demulsibility (ASTM D1401) &(IP19)
TOST (ASTM D943)	Air Release (IP 313)

TYPICAL PHYSICAL PROPERTIES

Grade	5	10	22	32	37	46	68	100
ISO Viscosity Grade	5	10	22	32	37	46	68	100
Kinematic visc @ 40°C	5	10	22	32	37	46	68	100
Kinematic visc @ 100°C	1.4	2.7	4.4	5.5	6.2	6.8	8.8	11.3
Viscosity Index (VI)	98	102	105	105	105	102	100	100
Pour point °C	-27	-25	-25	-22	-22	-22	-19	-19
Flash point C.O.C °C	190	200	205	210	218	225	230	245

HEALTH & SAFETY

Please refer to Material Safety Data Sheet (MSDS).