



PRODUCT DATA SHEET

POWER SHIFT Transmission Oil

GL1, 2 & 3
Code:435, 436, 437, 438

POWER SHIFT is a transmission oil for power shift, automatic transmissions, manual gear boxes and hydraulic applications.

SPECIFICATIONS

POWER SHIFT meets or exceeds the following specifications.

- SAE 10W, 30W, 50W, 60W
- ZF TE-ML 03C, 07F
- DANA POWERSHIFT
- API - SF/CF, CD, CF-2, GL1, 2 & 3
- CATERPILLAR TO-4
- TREMEC/TTC
- KOMATSU KES 07.868.1
- ALLISON TYPE C4

APPLICATIONS

POWER SHIFT is formulated for use in mobile plant hydraulic equipment and power shift transmissions.

POWER SHIFT provides excellent friction control, less brake noise, reduced gear wear, good polymer compatibility and oxidation stability for power shift transmissions, final drive and hydraulic systems. This combination of outstanding performances prolongs the life of brakes and transmissions.

POWER SHIFT can be used successfully in several types of transmissions such as those requiring following levels of performance: ZF TE-ML 01,03,04,10,14 and Eaton Fuller. In addition Power Shift gives passing results in Mack transmission and CRC L-60-1 tests required in the API MT-1 specification.

POWER SHIFT protects against misuse in diesel engines provided that drain intervals are shortened. The Caterpillar 1M-PC test results also meets API CF-2 limits.

POWER SHIFT is particularly suitable for transaxles in modern front wheel drive vehicles.

TYPICAL MAIN CHARACTERISTICS

CHARACTERISTICS	10W	30w	50W	60W
Specific gravity at 15 C	0.87	0.89	0.9	0.9
Viscosity at 40 C, mm ² /s (cSt)	42	98	225	300
Viscosity at 100 C, mm ² /s (cSt)	6.7	11.3	19.8	24
Viscosity index	114	101	101	101
TBN, mgKOH/g	10	10	10	10
Flash Point C	210	218	229	229
Sulphated ash, %	1%	1%	1%	1%

PACKAGE SIZE 20 & 205 Litre

Due to continual product research and development, the information contained herein is subject to formulation change without notice.

Values stated are average values only and may vary due to manufacturing tolerances.