

BANLAW LUBECENTRAL™

Are your Oil & Coolant service times slow and forcing dirt into your valuable machinery fluids?

Control contamination, reduce wear and save money with **Banlaw LubeCentral™**



Pioneers of
Unified Fuel
Management

banlaw.com



BANLAW
UNIFY YOUR FUEL SUPPLY



BANLAW LUBECENTRAL™

HI-FLOW OIL & COOLANT FITTINGS

Are your Oil & Coolant service times slow and forcing dirt into your valuable machinery fluids?

Banlaw LubeCentral™ is a purpose designed system that makes oil & grease transfer a clean, efficient and safe operation. The fittings contain a ball lock latching system for a stronger connection as well as “Dry Break” technology to eliminate spillage. All fluids can be filled from a central location.

Banlaw's flush face oil and coolant fittings help with contamination control and increase flow rates. They save money by improving injector life as well as the capital life of equipment. The flush face range has a push-to-connect system that makes them simple and easy to use, particularly in tight confines. Each size fitting is unique and colour coded to prevent accidental connection.



FLUSH FACE RANGE

Banlaw's newest range of couplings, the Flush Face series makes it simpler to ensure zero contamination from site related dirt and cross contamination.

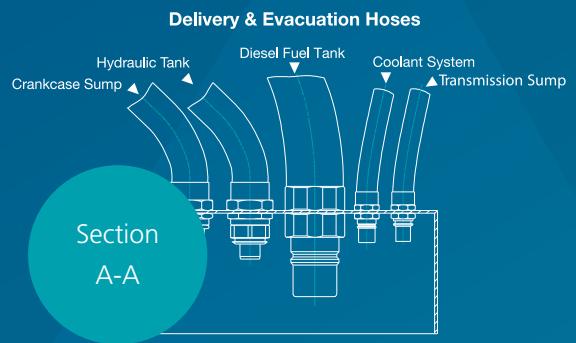
The Flush Face coupling is designed to enable the operator to wipe the coupling face clean before engaging in the transfer hose. No exposed recesses means that only clean oil, grease or other fluid is transferred from the service unit to machine.

ON VEHICLE LOCATIONS FOR LUBCENTRAL SERVICE

Layout of service box can be designed to suit customer requirements.

HIGHER FLOW CAPABILITY TO PROVIDE MORE EFFICIENT SERVICE INTERVALS

- The fittings are physically larger in size – up to 1-1/4”.
- Available in NPT thread sizes to suit both current industry specifications and larger configurations to maximise the flow rate capability.
- Sound engineering design of the internal fluid flow path.



FLUSH FACE TO MINIMISE CONTAMINATION

Both the nozzle and mating receiver are a "flush face" design, without the traditional recesses to trap harmful contamination between mating fittings. This minimises the extent of contamination entering the fluid stream during servicing and reduces wear on mating seals and other components within the fittings.

PUSH-TO-CONNECT

Without the need to manually retract the nozzle actuating collar during connection, the operator needn't struggle to ensure proper engagement of the fittings.



COLOUR CODED

Each set is uniquely colour coded to assist the operator in identifying mating fittings.

BANLAW DURABILITY

Unlike some other fittings on the market, this new range is "designed for the job". It retains the trademark Banlaw features including the secure ball-lock latching mechanism and rugged electroplated steel construction of vital parts. This maximises the working life of each fitting and provides a safer work environment for the operator.

FLUSH FACE THREAD SIZES

Size	Colour	Thread	Receiver (Male) Dim. E		Nozzle (Female) Dim. D		Manufactured from and Application
0	Silver	BSPT	¼"		¼"		Stainless Steel Water
1	Brass	NPT	½"	¾"	¾"	1"	Brass Compatible coolants and water
2	Gold	NPT	¾"	1"	¾"	1"	Zinc plated steel and anodised aluminium Common lubricants and diesel fuel
3	Red						
4	Black						
5	Green						
7	Purple						
8	Platinum						
9	Bronze						
10	Orange						
6	Blue	NPT	1"	1 ¼"	1"	1 ¼"	As above plus may be used with Unleaded Petrol

Note: NPT Thread Supplied as Standard

FLUSH FACE PRESSURES

		Size 1		Size 2		Size 3		Size 4		Size 5		Size 6	
		N	C	N	C	N	C	N	C	N	C	N	C
SWP	MPa	6.5	6	10	8.75	6.75	8.75	6.5	7	7	5	5	4.5
	psi	943	870	1450	1269	979	1269	943	1015	1015	725	725	653
BP	MPa	26	24	40	35	27	35	26	28	28	20	20	18
	psi	3771	3481	5801	5076	3916	5076	3771	4061	4061	2901	2901	2611
		Size 7		Size 8		Size 9		Size 10					
SWP	MPa	12.63	8.88	11.00	11.25	11.75	9.50	8.25	11.25				
	psi	1832	1288	1595	1632	1704	1378	1197	1632				
BP	MPa	50.5	35.5	44.0	45.0	47.0	38.0	33.0	47.0				
	psi	7324	5149	6382	6527	6817	5511	4786	6817				

Legend SWP Safe Working Pressure (Maximum Recommended Working Pressure)
 BP Burst Pressure (Minimum Pressure at which Failure Will Occur)
 N Nozzle
 C Nozzle and Receiver Coupled

CLASSIC RANGE

Where high speed transfer rates are not suitable, or unnecessary, Banlaw's Standard couplings are the best solution. A unique coupling is provided for each oil, grease or coolant type, eliminating the possibility of errors during fluid hangouts.

CRANKCASE

- Fill and evacuate crankcase oils
- Safe Working Pressures;
AUS27W: 10 MPa (1450 psi)
AUS29W & AUS29L: 3 MPa (435 psi)
Coupled Nozzle & Receiver: 4.75 MPa (690 psi)



TRANSMISSION

- Fill and evacuate transmission oils
- Safe Working Pressures;
AUS32W: 4.25 MPa (615 psi)
AUS33W: 10 MPa (1450 psi)
Coupled Nozzle & Receiver: 11.5 MPa (1670 psi)



HYDRAULIC

- Fill and evacuate hydraulic oils
- Safe Working Pressures;
AUS34A: 10 MPa (1450 psi)
AUS41A: 10 MPa (1450 psi)
Coupled Nozzle & Receiver: 4.0 MPa (580 psi)



COOLANT

- Fill and evacuate coolant fluids
- Safe Working Pressures;
AUS36A: 10 MPa (1450 psi)
AUS37W: 10 MPa (1450 psi)
Coupled Nozzle & Receiver: 7.5 MPa (1090 psi)



PUSH-TO-CONNECT

- Fill and evacuate oils
- Safe Working Pressures;
AUS38W: 10 MPa (1450 psi)
AUS39W: 1.5 MPa (217 psi)
Coupled Nozzle & Receiver: 10 MPa (1450 psi)



AUS39W & AUS38W with optional Caps/Plugs

ALTERNATIVE FITTINGS

- Alternative higher flow fittings used to fill and evacuate oils
- Safe Working Pressures;
AUS80A: 6 MPa (870 psi) - R18 equivalent
AUS81A: 2.5 MPa (365 psi) - R17 equivalent
Coupled Nozzle & Receiver: 2.5 MPa (365 psi)



AUS81A & AUS80A with optional Caps/Plugs

PART NUMBERS

Type	Basic Fitting	Tailpiece			Additional Part	
		1/2" NPT	3/4" NPT	1-1/16" JIC	Plug	Cap
Crankcase	AUS27W	27W-B	STD	27WB/H	-	AUS27W-C
	AUS29W	29W-B	STD	29WB/H	AUS29W-P	-
	AUS29L	29L-B	STD	29LB/H	AUS29L-P	-
Transmission	AUS32W	32W-B	STD	32WB/H	AUS32W-P	-
	AUS33W	STD	-	33WB/H	-	AUS33W-C
Hydraulic	AUS34A	*	STD	34AB/H	AUS34A-P	-
	AUS41A	*	STD	41AB/H	-	AUS41A-C
Coolant	AUS36A	36A-B	STD	36AB/H	AUS36A-P	-
	AUS37W	STD	-	37WB/H	-	AUS37W-C
Push-to-connect	AUS38W	*	STD	38WB/H	-	AUS38W-C
	AUS39W	*	STD	39WB/H	-	-
Alternative	AUS80A	-	-	-	-	AUS80A-C
	AUS81A	-	-	-	AUS81A-P	-

* Not Standard Product - But can be supplied on request.
Standard: supplied as standard - option not applicable

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Standard supplied as standard - option not applicable

ADDITIONAL ITEMS



AUSGR Grease Receiver



AUSGN Grease Nozzle



AUS3W One Way Valve



AUSV3 Oil Sample Valve

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